



AUSTRALIAN BUREAU OF STATISTICS

CANBERRA

THE LABOUR FORCE  
AUSTRALIA

JULY 1985

CATALOGUE NO. 6203.0

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## **THE LABOUR FORCE, AUSTRALIA, JULY 1985**

### **CONTENTS**

<i>Table</i>		<i>Page</i>
	Explanatory notes	1
	Graphs	7
	<b>Labour force status of the civilian population aged 15 and over—</b>	
1.	Australia	12
2.	Seasonally adjusted series	14
3.	Marital status	15
4.	States and Territories	15
5.	State capital cities	16
6.	Australian Capital Territory	16
7.	Aged 15 to 19 (single years), by school attendance	17
8.	Aged 20 to 24 (single years)	17
9.	Birthplace	18
10.	Born outside Australia, by birthplace and period of arrival	19
11.	Age	19
12.	Participation rates, by age and birthplace	20
	<b>Employed persons—</b>	
13.	Full-time and part-time workers, by age	20
14.	Hours worked	21
15.	Employment/population ratios by age and marital status	21
16.	Full-time workers who worked less than 35 hours, by reason	21
17.	Part-time workers, whether preferred to work more hours, by age	22
18.	Part-time workers, whether preferred to work more hours, by hours worked	22
	<b>Unemployed persons—</b>	
19.	States, by age	23
20.	Aged 15 to 19: duration of unemployment and school attendance	23
21.	Age and whether looking for full-time or part-time work	24
22.	Birthplace by age	24
23.	Duration of unemployment and age, etc.	25
24.	Industry and occupation of last full-time job and duration of unemployment	26
25.	Age and active steps taken to find work	27
	<b>Persons not in the labour force—</b>	
26.	Age and marital status	27
27.	Whether looking for work, etc.	27
	<b>Gross flows—</b>	
28.	Estimates of labour force status and gross changes (flows) derived from matched records, June 1985 and July 1985	28
	<b>Family status of the civilian population aged 15 and over—</b>	
29.	Summary table	29
30.	Labour force status	30
	<b>All families, by type of family—</b>	
31.	Number of family members, and employment status	31
32.	Number of children aged 0-14 present, and labour force status	32
	<b>Technical note—</b>	
	Estimation procedure	33
	Reliability of the estimates	33
	<b>Supplementary and special surveys on labour force and related topics</b>	36

## EXPLANATORY NOTES

### **Introduction**

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.

2. Estimates of the civilian labour force are now available for about fifty regions across Australia. For details, see the Information Paper *Release of Regional Labour Force Statistics* (6262.0).

3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

### **The population survey**

5. The population survey is based on a multi-stage area sample of private dwellings (about 33,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. Because of operational problems arising from the Christmas and New Year holidays, interviews for the December 1984 survey commenced on Monday 3 December, and for the January 1985 survey on Monday 14 January. The information obtained relates to the week before the interview (i.e. the survey week).

### **Scope**

6. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependents) stationed in Australia.

### **Definitions**

7. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during the survey week. The following definitions, which conform closely to the international standard definitions specified by the International Labour Organisation (ILO), relate only to those persons within the scope of the survey.

8. *Employed persons* comprise all those aged 15 and over who, during the survey week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers or self-employed persons who had a job, business or farm, but were not at work.

9. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

10. *Unemployed persons* are those aged 15 and over who were not employed during the survey week, and

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
  - (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
  - (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then;
- or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

11. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps were asked in the order shown in the table in this

publication showing unemployed persons classified by active steps taken, and since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

12. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

13. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

14. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the survey week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average (mean) duration* is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

15. *Unemployed persons classified by industry and occupation*. Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

16. The *labour force* comprises all persons who, during the survey week, were employed or unemployed, as defined above.

17. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions.

18. *Full-time workers* are those who usually work 35 hours or more a week and others who, although usually part-time workers, worked 35 hours or more during the survey week. *Part-time workers* are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

19. *Hours of work*. The figures of aggregate hours and of average hours refer to actual hours worked during the survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are

recorded, fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the survey week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the survey week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are therefore excluded from the calculations.

20. *Persons attending school* comprise those aged 15 to 20 who, during the survey week, were enrolled full time at secondary or high schools. Excluded are persons who were enrolled at universities, colleges of advanced education, technical colleges, other tertiary educational institutions, and coaching and business schools. Persons attending school are classified as in the labour force if they were employed or unemployed as defined above. Because it is not practicable to ascertain from persons in institutions (who are classified as not in the labour force) whether or not they are enrolled at secondary or high schools, such persons are excluded from estimates classified by school attendance.

21. *Persons not in the labour force* are those who, during the survey week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions (hospitals, gaols, sanatoria, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the survey week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

22. Persons classified by *labour force status* are classified according to whether or not they are in the labour force. Persons in the labour force classified by *employment status* are classified according to whether they are employed or unemployed. The February, May, August and November issues of this publication include tables showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers (who worked 15 hours or more in the survey week).

23. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0) and *occupation* according to the *Classification and Classified List of Occupations, Revised November 1980*.

24. In the labour force survey, persons are classified as *married* or *not married*. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Marital status does not therefore necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The *not-married* category includes persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For discontinuities in estimates of marital status, see paragraph 35.

25. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head (as defined in paragraph 27) together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

26. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as *married-couple families*);
- (c) *other families* are families other than married-couple families as defined above. From the definition of married and not married in paragraph 24 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;
- (d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;
- (e) the terms *usually reside* and *present* are synonymous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

27. The *family head* of an *other family* is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

28. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Census of Population and Housing 1976, Population and Dwellings in Local Government Areas and Urban Centres (Preliminary)* (2401.0-2408.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

#### **Population benchmarks**

29. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

#### **Revision of series**

30. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. Survey estimates back to February 1978 have been recalculated to conform to revised population estimates which take account of results of the 1981 Census. Revised estimates back to February 1978 are shown in an appendix to the February 1985 issue of this publication. The next issue of *The Labour Force, Australia* (6204.0) planned for release this year, will contain more detailed cross-classifications of revised estimates back to February 1978.

31. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates see *Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To coordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are thus wholly according to place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents.

present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

32. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis. A revised questionnaire was introduced for the February 1978 survey. The questionnaire, which had undergone little change since 1964, except for the inclusion in 1975 of additional questions on jobseeking, was revised to provide more accurate and more detailed information concerning the labour force.

33. Details of the changes made to the questionnaire in February 1978 and additional minor amendments made in November 1981 are contained in the March 1978 and December 1981 issues (respectively) of *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0). As noted in paragraph 31, the questionnaire was further changed in October 1982 to enable identification of each respondent's place of usual residence. Questions enabling identification of family relationships within households were also included at that time. Details are contained in the August 1984 issue of the *Information Paper* (6232.0).

#### **Comparability of series**

34. As noted in paragraphs 30 and 31, estimates from February 1978 have been revised to conform to revised population estimates and are thus not strictly comparable with estimates for periods prior to February 1978 which have not been revised. The appendix to the February 1984 issue of this publication contains adjustment factors enabling users to calculate the expected effect of the revisions to estimates for periods prior to February 1978.

35. Paragraph 24 outlines the definition of marital status now used in the labour force survey. In conjunction with the revision of estimates back to February 1978 to conform to revised population estimates, a revision to take account of the new definition of marital status was also applied. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue of this publication which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. Firstly, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Secondly, from June 1983 onwards, in addition to including persons reported as separated, the not-married category includes persons who although reported as married, did not, at the time of the survey, have a spouse who was a usual resident of the household.

#### **Survey sample**

36. For detailed information on sample design and selection see the Technical note in *The Labour Force, Australia, 1978* (6204.0).

37. The population survey sample is reselected every five years to allow data from the latest census of population and housing to be used to improve the efficiency of the population survey sample design. The latest reselection, which used data from the 1981 Census, was introduced for the October 1982 survey.

38. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced from all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria, 1 in 200; Queensland, 1 in 140; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 100; and Tasmania, 1 in 60.

#### **Reliability of the estimates**

39. Estimates in this publication are subject to two sources of error:

(a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical note.

(b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

#### **Differences between population census and population survey estimates**

40. The results of the 1981 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

41. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 29); the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

42. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia and States, whereas the census of population and housing provides counts for small areas, but in less detail than is available from the survey.

43. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

#### **Seasonal adjustment**

44. Seasonally adjusted series are published in Table 2. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1985, revised the monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted figures for all months since February 1978 were published in an appendix to the February 1985 issue of this publication.

45. In 1974 and 1975 the seasonal pattern of the unemployment series changed significantly after the rapid rise in unemployment which occurred at that time. However, the further large increase in unemployment in 1982 and 1983 does not appear to have been accompanied by a similar change in seasonal pattern.

#### **Gross flows**

46. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

47. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of flows between the different categories of the population and labour force.

48. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

49. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

50. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

51. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

52. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical note.

53. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full time and employed part time as the estimates for the latter two categories include movements between these two categories.

#### **Labour force status and other characteristics of families**

54. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, number of children aged 0-14 present and the labour force status of persons within families.

55. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information was not obtained for the following persons:

(a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and

(b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

56. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information could not be obtained from each usual resident. Similarly families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. A summary of those persons for whom family information was obtained as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

57. Additional and more detailed family information can be found in the annual publication *Labour Force Status and Other Characteristics of Families* (6224.0) of which July 1983 is the most recent release. Users should note that in the more detailed family estimates released annually, the classifications *with and without dependent children present* are used to describe types of individuals or families. Dependent children comprise all family members aged 0-14 and all family members aged 15 to 20 who are full-time students. The family data contained in this publication are classified by *with or without children aged 0-14 present* rather than by *with or without dependent children present*.

#### **Additional data**

58. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months.

Employed persons—  
 Industry and occupation—  
   Full-time and part-time workers  
   Status of worker  
   Age and birthplace  
   Hours worked  
 Industry by occupation  
 Industry subdivisions  
 Major and minor occupation groups

59. Other unpublished data from labour force surveys, including more detailed cross-classifications of revised estimates back to February 1978, are available on request.

#### **Related publications**

60. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

*The Labour Force, Australia, Preliminary* (6202.0)—  
*issued monthly*

*The Labour Force (Including Regional Estimates), New South Wales* (6201.1)—*issued quarterly*

*The Labour Force, Victoria* (6201.2)—*issued monthly*

*The Labour Force, Victorian Regions* (6202.2)—*issued quarterly*

*Information Paper, Victorian Labour Force Statistics* (6262.2)

*The Labour Force, Queensland* (6201.3)—*issued quarterly*

*The Labour Force: Regional Estimates, Queensland* (6204.3)—*issued quarterly*

*The Labour Force, South Australia* (6201.4)—*issued quarterly*

*The Labour Force, Regional Estimates, Western Australia* (6201.5)—*issued quarterly*

*Monthly Summary of Statistics, Tasmania* (1303.6)—*issued monthly*

*Tasmania's Labour Force, 1976 to 1982*—paper issued by ABS Tasmanian Office, November 1982

*Labour Statistics, Australia*, 1983 (6101.0)—*issued annually*—(\$6.70, \$7.30 incl. postage)

*Job Vacancies, Australia* (6231.0)—*issued quarterly*

*Information Paper: Questionnaires used in the Labour Force Survey, August 1984* (6232.0)

*Information Paper: Release of Regional Labour Force Statistics* (6262.0)

*Employed Wage and Salary Earners, Australia* (6248.0)—*issued quarterly*

*Overtime, Australia* (6330.0)—*issued quarterly*

*Persons not in the Labour Force, Australia* (6220.0)—*issued twice-yearly*

*Labour Force Status and Other Characteristics of Families, Australia, July 1983* (6224.0)—*issued annually*—(\$1.00, \$1.70 incl. postage)

*Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0)

*Social Indicators No. 4, 1984* (4101.0); (\$21.50, \$25.50 incl. postage).

*Information Paper: Comparison of Employment Estimates from The Labour Force Survey and the Survey of Employment and Earnings* (6263.0)

61. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### **Symbols and other usages**

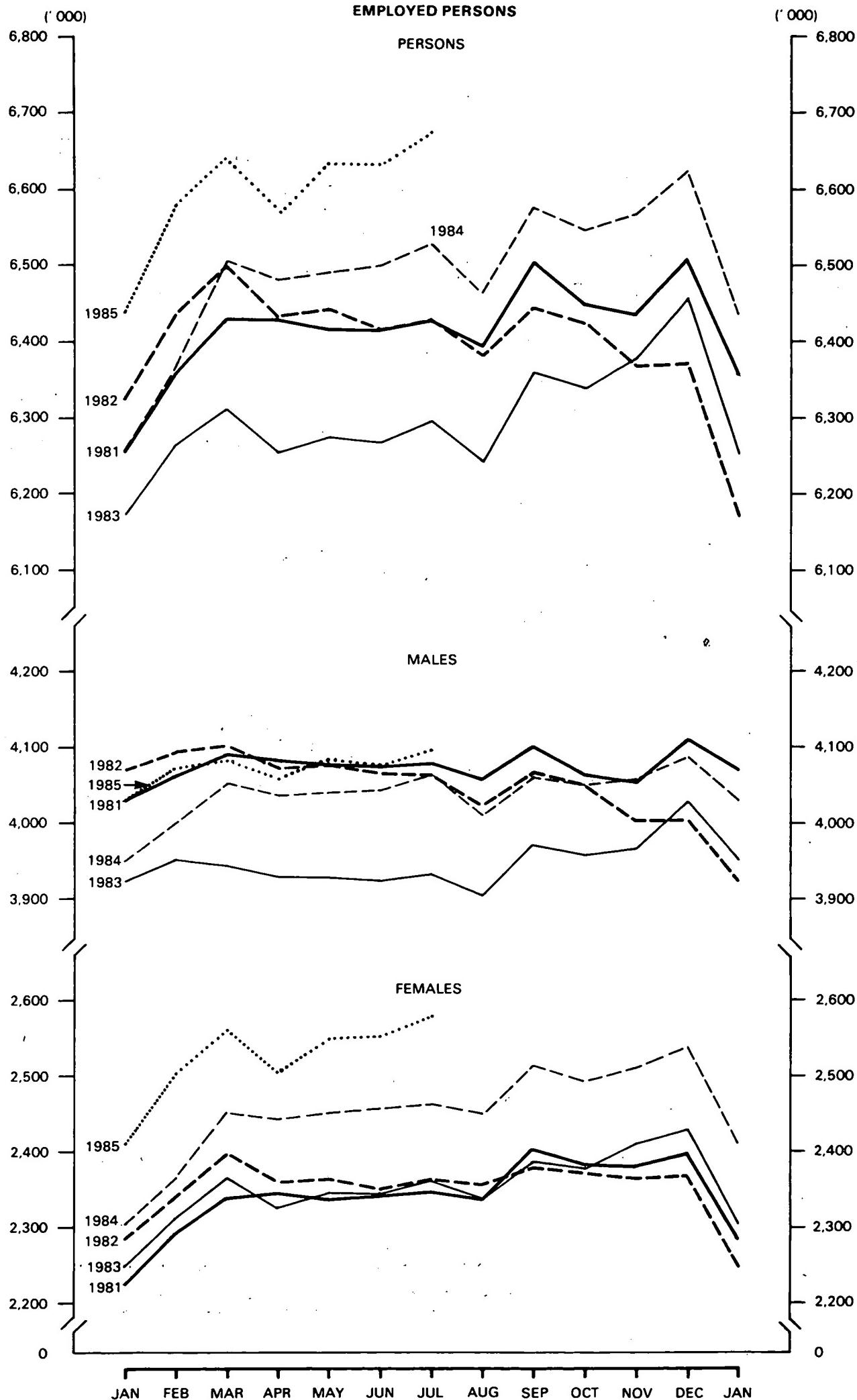
- \* subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical note
- n.a. not available
- .. not applicable
- n.e.c. not elsewhere classified

62. Figures have been rounded and discrepancies may occur between sums of the component items and totals.

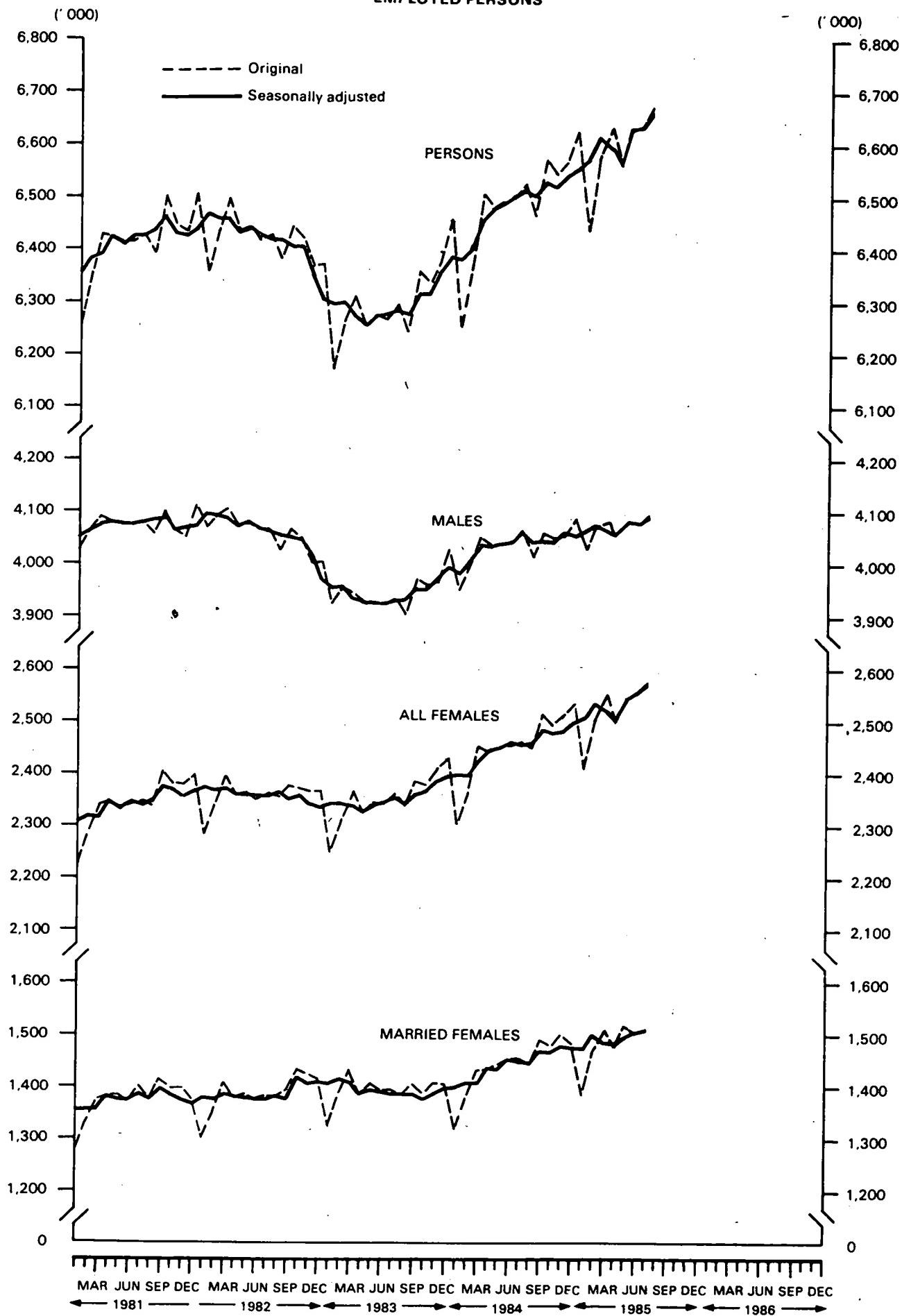
**A. R. BAGNALL**  
**Acting Australian Statistician**

## EMPLOYED PERSONS

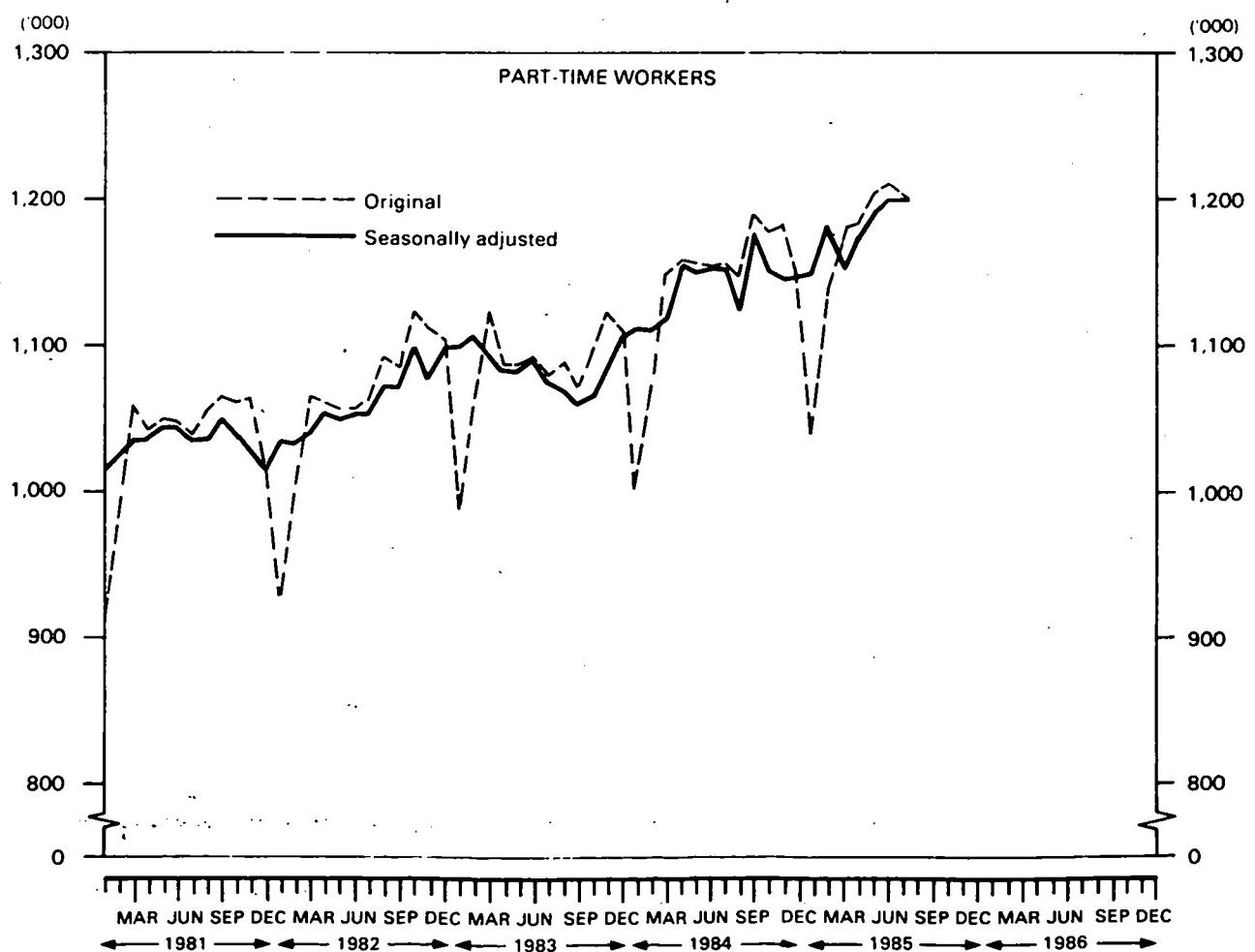
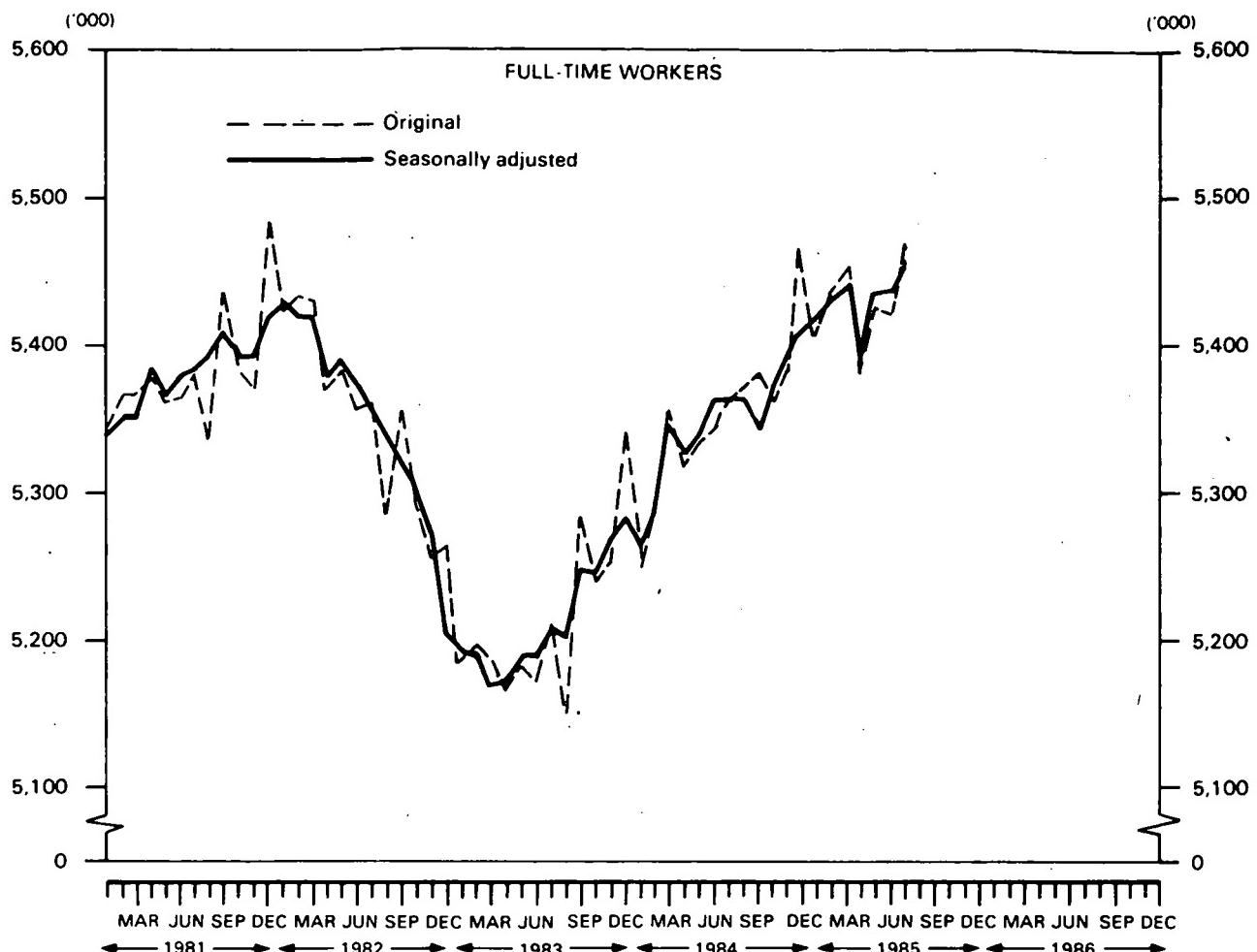
PERSONS

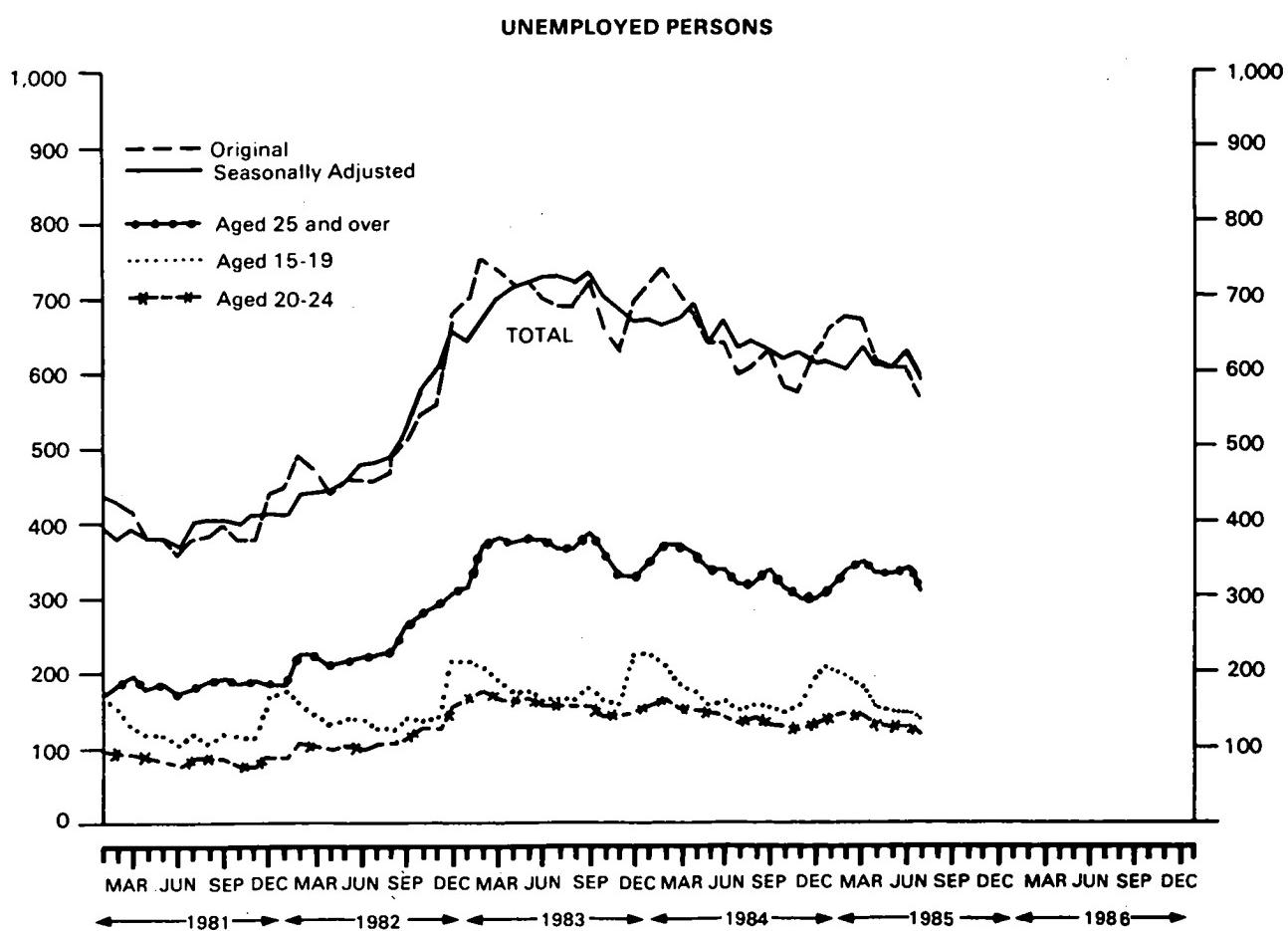
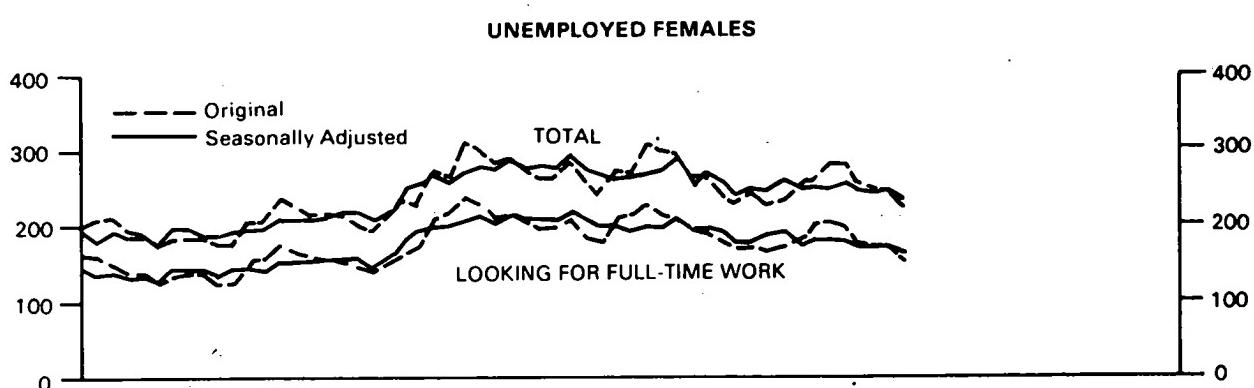
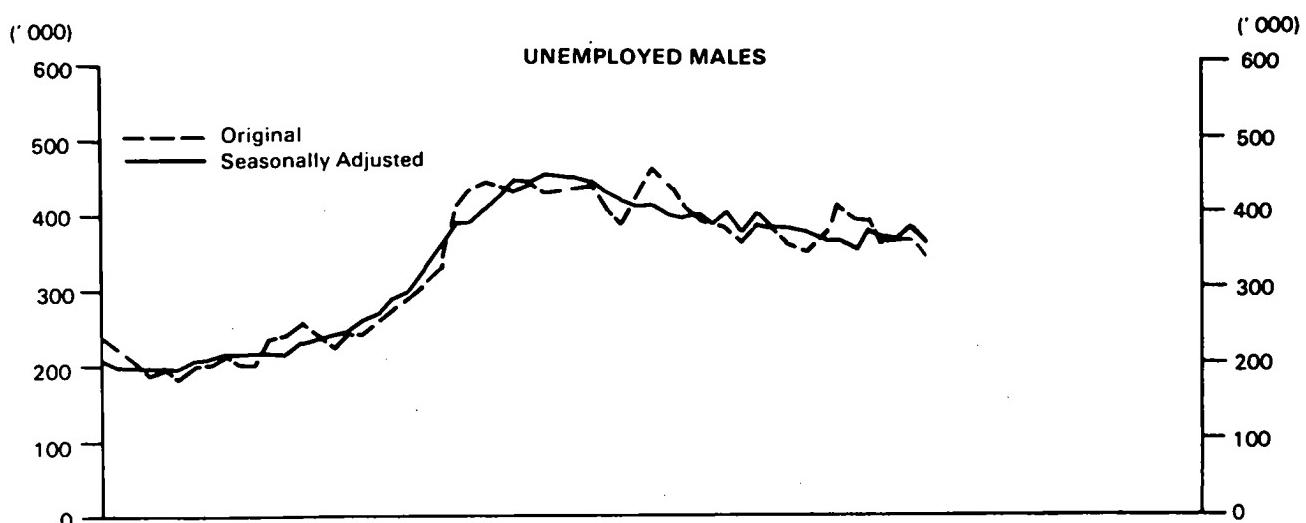


## EMPLOYED PERSONS



## EMPLOYED PERSONS : FULL-TIME AND PART-TIME WORKERS

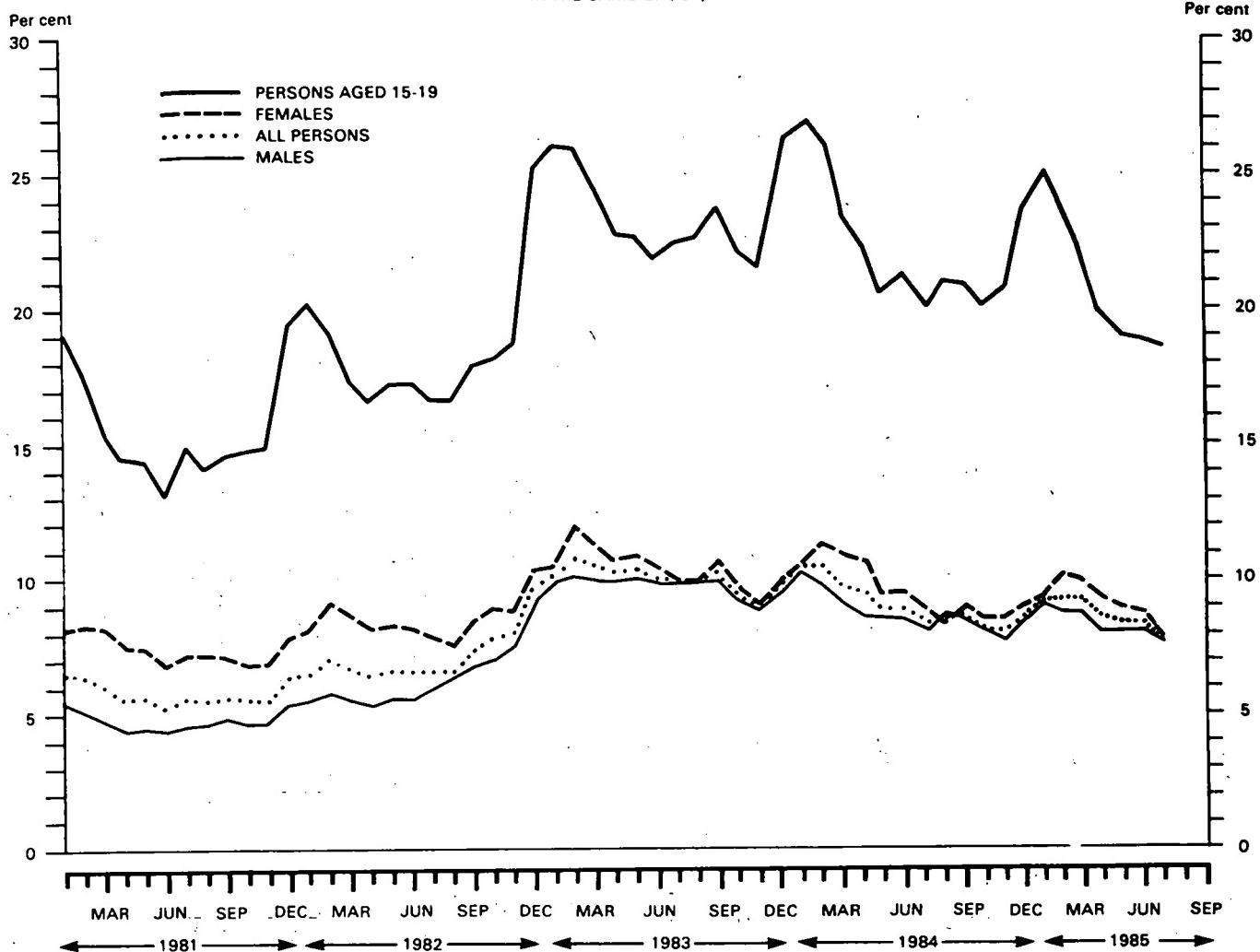




II

**UNEMPLOYMENT RATES**

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE  
IN THE SAME GROUP)



**LABOUR FORCE PARTICIPATION RATES**

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION AGED  
15 AND OVER IN THE SAME GROUP)

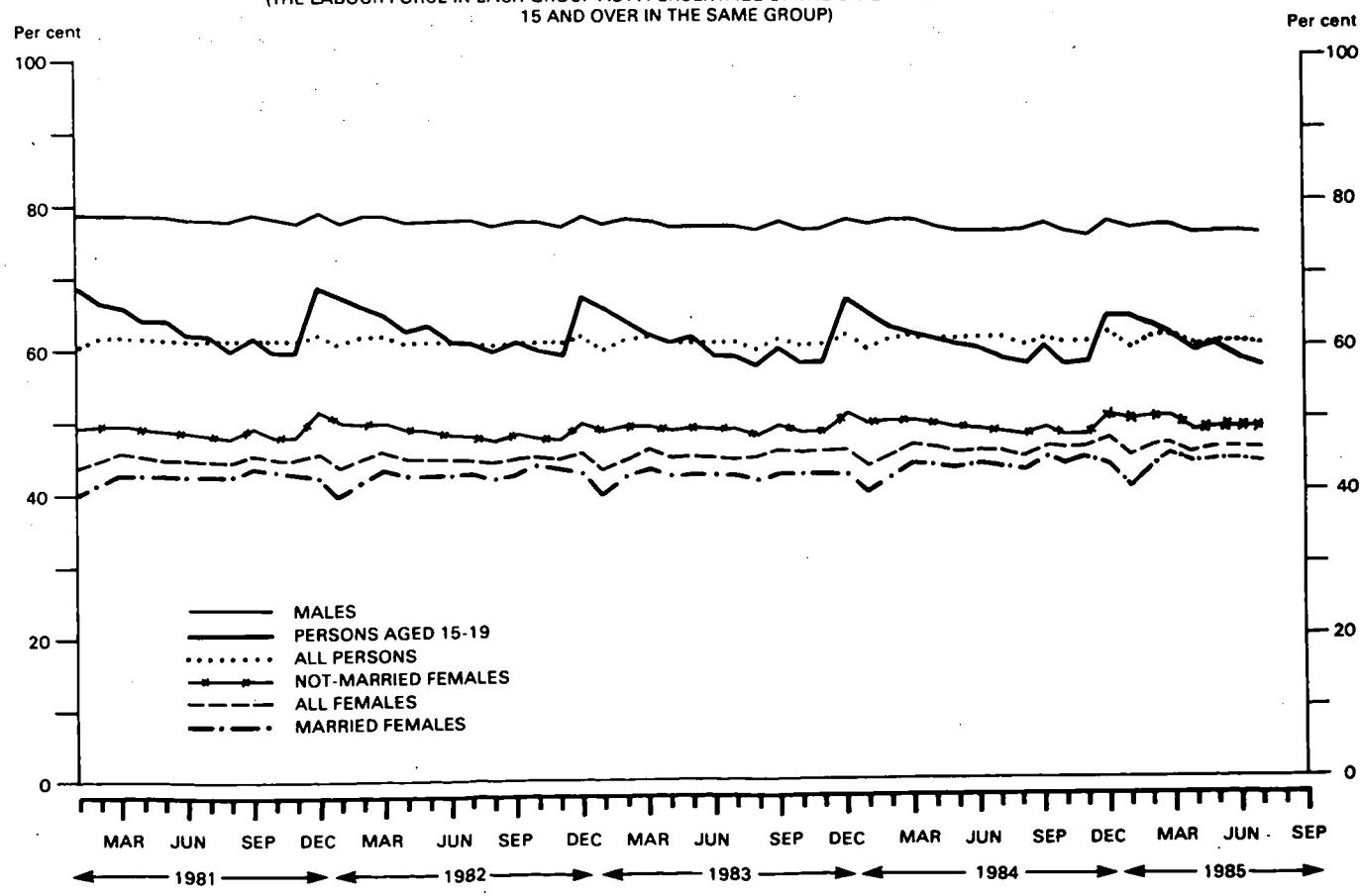


TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER

Month	Unemployed										Civillian population aged 15 and over - per cent -	
	Looking for full-time work											
	Employed	Aged 15-19	Looking for part-time work	Not in labour force	Unemployment rate	Participation rate						
Full-time workers	Total	first job	Total	Total	- '000 -	- per cent -	Total	Labour force	Not in labour force	Unemployment rate	Participation rate	
MALES												
1984 -												
June	3,797.7	4,042.1	29.1	349.7	25.3	375.0	4,417.2	1,374.1	5,791.3	8.5	76.3	
July	3,807.7	4,064.5	27.0	339.9	17.9	357.8	4,422.3	1,375.9	5,798.2	8.1	76.3	
August	3,767.3	4,012.4	30.3	359.0	22.5	381.5	4,393.9	1,411.5	5,805.4	8.7	75.7	
September	3,804.2	4,059.1	29.2	349.1	27.7	376.8	4,435.8	1,376.5	5,812.3	8.5	76.3	
October	3,798.8	4,051.0	26.4	326.1	25.0	351.2	4,402.2	1,417.9	5,820.1	8.0	75.6	
November	3,800.9	4,056.0	29.0	321.4	19.7	341.1	4,397.2	1,430.3	5,827.5	7.8	75.5	
December	3,845.6	4,087.5	44.6	345.3	29.8	375.1	4,462.6	1,372.3	5,834.9	8.4	76.5	
1985 -												
January	3,797.7	4,028.4	49.4	376.2	28.6	404.9	4,433.3	1,409.1	5,842.4	9.1	75.9	
February	3,829.6	4,072.5	42.7	369.0	21.3	390.4	4,462.9	1,386.6	5,849.5	8.7	76.3	
March	3,831.6	4,080.8	36.3	362.7	27.0	389.7	4,470.5	1,386.2	5,836.6	8.7	76.3	
April	3,796.7	4,059.0	27.3	336.1	23.6	359.7	4,418.7	1,445.1	5,863.8	8.1	75.4	
May	3,827.6	4,083.8	25.4	331.4	30.4	361.8	4,445.6	1,425.7	5,871.3	8.1	75.7	
June	3,821.3	4,078.0	28.1	341.9	23.2	365.1	4,443.1	1,435.6	5,878.7	8.2	75.6	
July	3,843.3	4,095.6	26.4	324.3	19.5	343.8	4,439.4	1,448.3	5,887.7	7.7	75.4	
Standard error of -												
July 1985 estimates	15.2	15.5	2.2	6.4	1.9	6.5	15.9	11.0	..	0.1	0.3	
June 85 to July 85 movements	12.6	12.9	2.0	5.1	1.9	5.2	13.3	8.7	..	0.1	0.2	
MARRIED FEMALES												
1984 -												
June	786.4	1,454.5	*	59.9	40.4	100.3	1,554.8	2,022.1	3,577.0	6.4	43.5	
July	790.7	1,455.3	*	52.5	35.9	88.4	1,543.7	2,033.9	3,577.6	5.7	43.1	
August	786.9	1,446.5	*	51.0	34.4	85.3	1,531.8	2,047.2	3,579.1	5.6	42.8	
September	808.1	1,489.1	*	53.3	43.3	96.6	1,585.7	2,004.6	3,590.3	6.1	44.2	
October	799.6	1,480.3	*	53.6	35.9	89.5	1,569.8	2,025.6	3,595.4	5.7	43.7	
November	813.7	1,500.3	*	50.5	35.3	85.8	1,586.1	2,012.5	3,598.6	5.4	44.1	
December	818.4	1,486.4	*	48.8	36.9	85.8	1,572.2	2,018.5	3,590.6	5.5	43.8	
1985 -												
January	795.9	1,386.9	*	49.0	26.2	75.3	1,462.2	2,139.2	3,601.4	5.1	40.6	
February	798.4	1,469.0	*	61.8	42.1	104.0	1,573.0	2,037.8	3,610.8	6.6	43.6	
March	824.8	1,516.8	*	60.3	52.1	112.4	1,629.2	1,998.1	3,627.3	6.9	44.9	
April	791.7	1,479.5	*	55.5	45.0	100.4	1,580.0	2,034.1	3,614.1	6.4	43.7	
May	803.3	1,510.8	*	51.1	43.8	94.9	1,603.6	2,014.8	3,620.4	5.9	44.3	
June	799.2	1,509.2	*	53.0	42.8	95.8	1,605.0	1,994.0	3,599.0	6.0	44.6	
July	810.0	1,514.3	*	49.1	39.5	88.6	1,602.9	2,002.9	3,605.7	5.5	44.5	
Standard error of -												
July 1985 estimates	9.0	11.2	0.2	2.9	2.6	3.7	11.4	12.3	..	0.2	0.3	
June 85 to July 85 movements	7.0	8.9	0.4	2.5	2.3	3.2	9.1	9.8	..	0.2	0.3	

TABLE I. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER (continued)

Month	Unemployed											Civilian population aged 15 and over	Unemployment rate - per cent	Participation rate			
	Looking for full-time work																
	Employed	Aged 15-19		Looking for part-time work			Labour force	Not in labour force									
		Total	first job	Total	work	Total		- '000 -	- '000 -	- '000 -	- '000 -	- per cent -					
ALL FEMALES																	
1984 -																	
June	1,545.4	2,456.6	30.3	189.5	69.5	259.1	2,715.7	3,258.4	5,974.1	9.5	45.5						
July	1,561.2	2,461.6	28.1	175.3	62.5	237.8	2,699.5	3,281.9	5,981.3	8.8	45.1						
August	1,547.5	2,449.9	25.9	165.1	57.9	223.1	2,673.0	3,315.5	5,988.5	8.3	44.6						
September	1,578.7	2,513.8	26.2	168.9	75.6	244.5	2,758.4	3,237.4	5,995.7	8.9	46.0						
October	1,565.8	2,493.6	22.3	163.6	64.1	227.7	2,721.2	3,281.9	6,003.2	8.4	45.3						
November	1,581.9	2,510.0	27.5	166.9	63.3	230.2	2,740.2	3,270.4	6,010.7	8.4	45.6						
December	1,624.1	2,536.1	38.1	181.8	70.2	252.1	2,788.1	3,230.0	6,018.2	9.0	46.3						
1985 -																	
January	1,604.7	2,409.0	40.0	196.4	56.3	252.7	2,661.7	3,364.0	6,025.7	9.5	44.2						
February	1,606.0	2,503.7	35.1	207.4	75.8	283.2	2,787.0	3,246.2	6,033.2	10.2	46.2						
March	1,620.3	2,553.7	27.3	193.7	88.3	282.0	2,835.7	3,205.0	6,040.7	9.9	46.9						
April	1,583.3	2,505.8	23.9	174.6	79.9	254.5	2,760.3	3,288.1	6,048.4	9.2	45.6						
May	1,599.2	2,548.5	23.9	172.2	73.6	245.8	2,794.4	3,261.8	6,056.1	8.8	46.1						
June	1,600.5	2,553.8	26.4	170.1	71.5	241.6	2,795.5	3,268.4	6,063.9	8.6	46.1						
July	1,628.8	2,579.0	20.3	152.4	69.5	221.9	2,800.9	3,272.4	6,073.3	7.9	46.1						
Standard error of -																	
July 1985 estimates	11.5	13.4	1.9	4.7	3.4	5.5	13.7	14.4	..	0.2	0.2						
June 85 to July 85 movements	9.1	10.8	2.0	3.9	2.8	4.5	11.2	11.8	..	0.2	0.2						
PERSONS																	
1984 -																	
June	5,343.1	6,498.7	59.5	539.2	94.9	634.1	7,132.8	4,632.5	11,765.4	8.9	60.6						
July	5,368.9	6,526.1	55.1	515.2	80.4	595.7	7,121.8	4,657.8	11,779.5	8.4	60.5						
August	5,314.8	6,462.3	56.2	524.2	80.5	604.6	7,066.9	4,727.0	11,793.9	8.6	59.9						
September	5,382.9	6,572.9	55.4	518.1	103.3	621.3	7,194.2	4,613.8	11,808.0	8.6	60.9						
October	5,364.6	6,544.6	48.7	489.7	89.1	578.8	7,123.4	4,699.8	11,823.2	8.1	60.2						
November	5,382.8	6,566.0	56.5	488.3	83.0	571.3	7,137.4	4,700.8	11,838.2	8.0	60.3						
December	5,469.7	6,623.6	82.7	527.1	100.0	627.1	7,250.7	4,602.4	11,853.1	8.6	61.2						
1985 -																	
January	5,402.4	6,437.4	89.4	572.6	84.9	657.6	7,095.0	4,773.1	11,868.0	9.3	59.8						
February	5,435.7	6,576.3	77.8	576.4	97.2	673.6	7,249.9	4,632.8	11,882.7	9.3	61.0						
March	5,451.9	6,634.5	63.6	556.4	115.3	671.7	7,306.2	4,591.1	11,897.3	9.2	61.4						
April	5,380.0	6,564.8	51.1	510.7	103.5	614.2	7,179.0	4,733.2	11,912.2	8.6	60.3						
May	5,426.8	6,632.3	49.4	503.6	104.0	607.7	7,239.9	4,687.4	11,927.4	8.4	60.7						
June	5,421.7	6,631.9	54.5	512.0	94.7	606.7	7,238.6	4,704.0	11,942.6	8.4	60.6						
July	5,472.1	6,674.5	46.7	476.7	89.0	565.7	7,240.2	4,720.7	11,961.0	7.8	60.5						
Standard error of -																	
July 1985 estimates	17.0	18.0	2.8	7.4	3.8	7.9	18.5	16.2	..	0.1	0.2						
June 85 to July 85 movements	14.3	15.4	2.6	5.9	3.1	6.3	15.9	13.6	..	0.1	0.1						

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed		Looking for full-time work		Labour force	Unemployment rate	Participation rate			
	Full-time workers	Total	Aged 15-19 looking for first job	Total	part-time work	Total						
- '000 -												
- per cent -												
MALES												
1984 -												
June	3,802.5	4,044.3	41.9	367.8	26.7	394.5	4,438.8	8.9	76.6			
July	3,799.4	4,060.6	37.7	356.0	18.7	374.7	4,435.3	8.4	76.5			
August	3,801.9	4,042.6	40.6	367.8	25.1	392.9	4,435.5	8.9	76.4			
September	3,790.2	4,043.6	35.1	352.1	26.7	378.8	4,422.4	8.6	76.1			
October	3,797.5	4,042.2	31.8	344.6	26.5	371.1	4,413.3	8.4	75.8			
November	3,813.2	4,061.4	34.0	341.7	23.9	365.6	4,427.0	8.3	76.0			
December	3,810.7	4,054.4	27.0	337.8	23.9	361.7	4,416.1	8.2	75.7			
1985 -												
January	3,814.5	4,061.0	30.7	337.4	25.9	363.3	4,424.3	8.2	75.7			
February	3,818.7	4,077.9	30.5	332.0	22.0	354.0	4,431.9	8.0	75.8			
March	3,821.1	4,069.1	35.4	354.0	24.8	378.8	4,447.8	8.5	75.9			
April	3,803.1	4,057.3	32.4	343.8	24.8	368.5	4,425.9	8.3	75.5			
May	3,833.1	4,083.7	31.5	337.5	29.5	367.0	4,450.7	8.2	75.8			
June	3,825.9	4,079.9	40.4	359.2	24.4	383.6	4,463.5	8.6	75.9			
July	3,834.6	4,091.1	36.7	340.1	20.4	360.5	4,451.5	8.1	75.6			
MARRIED FEMALES												
1984 -												
June	790.4	1,451.2	n.a.	59.5	40.5	100.0	1,551.2	6.4	43.4			
July	790.7	1,448.1	n.a.	56.1	37.5	93.6	1,541.7	6.1	43.1			
August	799.5	1,446.9	n.a.	53.8	38.7	92.5	1,539.4	6.0	43.0			
September	796.3	1,468.6	n.a.	53.6	40.6	94.2	1,562.8	6.0	43.5			
October	799.0	1,467.7	n.a.	56.5	32.7	89.2	1,556.9	5.7	43.3			
November	808.7	1,477.8	n.a.	53.0	38.0	91.0	1,568.8	5.8	43.6			
December	807.1	1,473.6	n.a.	52.6	41.3	93.9	1,567.5	6.0	43.7			
1985 -												
January	802.0	1,472.1	n.a.	54.2	37.4	91.6	1,563.7	5.9	43.4			
February	807.7	1,500.1	n.a.	55.1	35.6	90.7	1,590.9	5.7	44.1			
March	821.3	1,489.2	n.a.	51.9	45.1	97.1	1,586.2	6.1	43.7			
April	793.0	1,481.9	n.a.	51.5	41.8	93.3	1,575.2	5.9	43.6			
May	802.3	1,498.7	n.a.	50.1	41.5	91.6	1,590.2	5.8	43.9			
June	803.2	1,505.1	n.a.	52.6	43.0	95.7	1,600.8	6.0	44.5			
July	809.9	1,507.1	n.a.	52.4	41.1	93.6	1,600.6	5.8	44.4			
ALL FEMALES												
1984 -												
June	1,555.9	2,460.9	34.9	192.3	70.4	262.7	2,723.6	9.6	45.6			
July	1,560.3	2,456.4	35.1	189.3	66.6	255.9	2,712.3	9.4	45.3			
August	1,569.1	2,457.5	33.9	177.3	66.5	243.8	2,701.3	9.0	45.1			
September	1,559.4	2,486.9	32.7	178.5	70.3	248.8	2,735.7	9.1	45.6			
October	1,568.5	2,477.9	30.6	182.3	61.2	243.5	2,721.4	8.9	45.3			
November	1,580.9	2,480.8	36.4	185.2	70.1	255.3	2,736.1	9.3	45.5			
December	1,594.9	2,498.5	25.3	172.6	73.5	246.1	2,744.6	9.0	45.6			
1985 -												
January	1,607.0	2,509.0	27.4	180.1	70.3	250.4	2,759.4	9.1	45.8			
February	1,613.7	2,536.7	26.3	181.2	67.4	248.6	2,785.3	8.9	46.2			
March	1,619.2	2,525.0	24.6	178.8	74.9	253.6	2,778.7	9.1	46.0			
April	1,588.3	2,507.4	24.8	169.9	74.2	244.1	2,751.5	8.9	45.5			
May	1,602.3	2,545.6	26.3	170.5	70.7	241.2	2,786.8	8.7	46.0			
June	1,611.3	2,557.9	30.4	172.5	72.6	245.1	2,803.0	8.7	46.2			
July	1,627.3	2,573.5	25.4	164.4	73.9	238.3	2,811.8	8.5	46.3			
PERSONS												
1984 -												
June	5,358.4	6,505.2	76.8	560.1	97.1	657.2	7,162.4	9.2	60.9			
July	5,359.7	6,517.0	72.8	545.3	85.3	630.6	7,147.6	8.8	60.7			
August	5,371.0	6,500.1	74.5	545.1	91.6	636.7	7,136.8	8.9	60.5			
September	5,349.6	6,530.5	67.8	530.6	97.0	627.6	7,158.1	8.8	60.6			
October	5,366.0	6,520.1	62.4	526.9	87.7	614.6	7,134.7	8.6	60.3			
November	5,394.1	6,542.2	70.4	526.9	94.0	620.9	7,163.1	8.7	60.5			
December	5,405.6	6,552.9	52.3	510.4	97.4	607.8	7,160.7	8.5	60.4			
1985 -												
January	5,421.5	6,570.0	58.1	517.5	96.2	613.7	7,183.7	8.5	60.5			
February	5,432.4	6,614.6	56.8	513.1	89.5	602.6	7,217.2	8.3	60.7			
March	5,440.3	6,594.1	60.0	532.8	99.6	632.4	7,226.5	8.8	60.7			
April	5,391.3	6,564.7	57.1	513.7	98.9	612.6	7,177.3	8.5	60.3			
May	5,435.3	6,629.3	57.9	508.0	100.2	608.2	7,237.5	8.4	60.7			
June	5,437.3	6,637.9	70.8	531.7	97.0	628.6	7,266.5	8.7	60.8			
July	5,461.9	6,664.6	62.1	504.5	94.3	598.8	7,263.3	8.2	60.7			

TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
MARITAL STATUS, JULY 1985

	Employed				Unemployed				Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Looking for full-time work		Looking for part-time work		Total	- '000 -						
		Total	Time	Total	Time		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate		
- per cent -													
Males	3,843.3	4,095.6	324.3	19.5	343.8	4,439.4	1,448.3	5,887.7	7.7	75.4			
Married	2,610.2	2,709.3	130.5	3.7	134.2	2,843.5	786.4	3,629.9	4.7	78.3			
Not married	1,233.1	1,386.2	193.8	15.8	209.6	1,595.8	662.0	2,257.8	13.1	70.7			
Females	1,628.8	2,579.0	152.4	69.5	221.9	2,800.9	3,272.4	6,073.3	7.9	46.1			
Married	810.0	1,514.3	49.1	39.5	88.6	1,602.9	2,002.9	3,605.7	5.5	44.5			
Not married	818.8	1,064.7	103.4	30.0	133.3	1,198.0	1,269.5	2,467.5	11.1	48.6			
Persons	5,472.1	6,674.5	476.7	89.0	565.7	7,240.2	4,720.7	11,961.0	7.8	60.5			

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATES AND TERRITORIES, JULY 1985

State or Territory	Employed				Unemployed				Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate		
	Full-time workers	Looking for full-time work		Looking for part-time work		Total	- '000 -								
		Total	Time	Total	Time		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate				
- per cent -															
MALES															
New South Wales	1,322.7	1,405.2	124.2	5.5	129.7	1,534.9	514.1	2,049.0	8.4	74.9					
Victoria	1,021.2	1,087.9	66.9	5.4	72.4	1,160.3	385.7	1,545.9	6.2	75.1					
Queensland	604.1	648.5	60.3	3.8	64.1	712.6	230.4	943.0	9.0	75.6					
South Australia	327.4	350.9	29.4	*	30.8	381.7	135.7	517.4	8.1	73.8					
Western Australia	358.8	382.3	28.1	2.2	30.2	412.5	118.0	530.5	7.3	77.8					
Tasmania	108.5	114.4	10.6	*	11.0	125.4	38.6	164.0	8.8	76.5					
Northern Territory	38.6	39.6	1.9	*	2.0	41.6	9.7	51.3	4.8	81.1					
Australian Capital Territory	62.0	66.7	3.0	*	3.6	70.3	16.2	86.5	5.2	81.3					
Australia	3,843.3	4,095.6	324.3	19.5	343.8	4,439.4	1,448.3	5,887.7	7.7	75.4					
FEMALES															
New South Wales	581.8	873.1	54.6	23.2	77.8	950.9	1,171.7	2,122.6	8.2	44.8					
Victoria	442.0	707.1	31.4	18.4	49.8	756.9	854.0	1,610.9	6.6	47.0					
Queensland	241.8	392.7	29.2	13.0	42.2	434.9	526.7	961.6	9.7	45.2					
South Australia	131.2	228.7	15.9	5.0	21.0	249.7	291.2	540.9	8.4	46.2					
Western Australia	137.9	235.8	15.5	5.6	21.2	256.9	272.4	529.3	8.2	48.5					
Tasmania	39.9	65.9	3.7	1.9	5.6	71.5	97.8	169.3	7.9	42.3					
Northern Territory	18.1	22.4	*	*	2.5	25.0	21.1	46.1	10.1	54.2					
Australian Capital Territory	36.2	53.3	*	*	1.8	55.0	37.5	92.5	3.2	59.5					
Australia	1,628.8	2,579.0	152.4	69.5	221.9	2,800.9	3,272.4	6,073.3	7.9	46.1					
PERSONS															
New South Wales	1,904.5	2,278.3	178.8	28.7	207.5	2,485.8	1,685.8	4,171.6	8.3	59.6					
Victoria	1,463.2	1,795.0	98.3	23.9	122.2	1,917.2	1,239.6	3,156.8	6.4	60.7					
Queensland	845.9	1,041.2	89.5	16.8	106.3	1,147.5	757.1	1,904.6	9.3	60.2					
South Australia	458.6	579.7	45.3	6.5	51.8	631.4	426.9	1,058.3	8.2	59.7					
Western Australia	496.7	618.1	43.6	7.8	51.4	669.4	390.4	1,059.8	7.7	63.2					
Tasmania	148.4	180.3	14.2	2.4	16.6	197.0	136.4	333.3	8.5	59.1					
Northern Territory	56.7	62.1	3.3	*	4.5	66.6	30.8	97.4	6.8	68.4					
Australian Capital Territory	98.1	119.9	3.7	1.7	5.4	125.3	53.7	179.1	4.3	70.0					
Australia	5,472.1	6,674.5	476.7	89.0	565.7	7,240.2	4,720.7	11,961.0	7.8	60.5					

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATE CAPITAL CITIES(a), JULY 1985

Capital city	Employed Full-time workers	Unemployed				Labour force	Not in labour force	Civilian popula- tion aged 15 and over	Unemp- loyment rate	Partici- pation rate
		Total	Looking for full- time work	Looking for part- time work	Total					
		- '000 -			- '000 -					
MALES										
Sydney	841.6	893.3	67.8	*	71.3	964.6	310.7	1,275.3	7.4	75.6
Melbourne	738.0	790.2	45.4	4.7	50.1	840.3	263.2	1,103.5	6.0	76.2
Brisbane	275.3	298.4	25.3	*	27.3	325.7	103.7	429.4	8.4	75.8
Adelaide	231.9	249.7	20.3	*	21.4	271.1	102.8	373.9	7.9	72.5
Perth	238.0	256.3	22.9	*	24.8	281.2	89.8	371.0	8.8	75.8
Hobart	42.2	45.0	4.4	*	4.6	49.6	16.2	65.8	9.3	75.3
Total	2,366.9	2,532.9	186.0	13.5	199.5	2,732.4	886.4	3,618.8	7.3	75.5
FEMALES										
Sydney	408.4	591.5	31.6	14.7	46.3	637.8	713.4	1,351.2	7.3	47.2
Melbourne	344.4	530.8	19.9	14.5	34.5	565.3	595.6	1,160.9	6.1	48.7
Brisbane	122.5	193.3	12.0	6.0	18.0	211.3	247.8	459.1	8.5	46.0
Adelaide	101.1	171.6	11.4	3.1	14.5	186.1	215.8	401.9	7.8	46.3
Perth	106.5	174.5	12.5	3.9	16.3	190.8	202.0	392.8	8.6	48.6
Hobart	18.7	29.3	*	1.4	2.3	31.6	38.6	70.2	7.2	45.0
Total	1,101.5	1,690.9	88.3	43.6	131.9	1,822.8	2,013.3	3,836.1	7.2	47.5
PERSONS										
Sydney	1,249.9	1,484.8	99.4	18.2	117.6	1,602.4	1,024.1	2,626.5	7.3	61.0
Melbourne	1,082.4	1,320.9	65.3	19.3	84.6	1,405.6	858.8	2,264.4	6.0	62.1
Brisbane	397.7	491.7	37.3	8.0	45.3	537.0	351.5	888.6	8.4	60.4
Adelaide	333.0	421.3	31.6	4.2	35.8	457.1	318.7	775.8	7.8	58.9
Perth	344.5	430.8	35.4	5.8	41.2	472.0	291.9	763.8	8.7	61.8
Hobart	60.9	74.2	5.3	1.5	6.9	81.1	54.8	136.0	8.5	59.7
Total	3,468.5	4,223.7	274.4	57.1	331.5	4,555.2	2,899.8	7,455.0	7.3	61.1

(a) Consists of capital city statistical divisions. See Explanatory notes.

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
AUSTRALIAN CAPITAL TERRITORY, JULY 1985

	Males	Persons				Total	
		Females		Aged 15-19	Aged 20-24		
		Married	Total				
- '000 -							
Employed	66.7	32.5	53.3	8.9	16.4	94.6	
Full-time workers	62.0	20.2	36.2	5.5	14.4	78.2	
Part-time workers	4.7	12.3	17.1	3.4	2.0	16.4	
Unemployed	3.6	*	1.8	2.1	1.3	2.0	
Looking for full-time work	3.0	*	*	1.3	*	1.6	
Looking for part-time work	*	*	*	*	*	1.7	
Labour force	70.3	33.3	55.0	11.0	17.7	96.6	
Not in labour force	16.2	22.0	37.5	10.5	3.5	39.7	
Aged 15-19 attending school(s)	5.0	*	4.3	9.3	..	..	
Civilian population	86.5	55.3	92.5	21.6	21.2	136.3	
- per cent -							
Unemployment rate	5.2	*	3.2	19.4	7.2	2.1	
Looking for full-time work	4.7	*	*	19.7	*	2.0	
Participation rate	81.3	60.2	59.5	51.2	83.6	70.9	
Employment/population ratio	77.1	58.7	57.6	41.3	77.6	69.4	
- number -							
Average (mean) weekly hours worked by employed persons	38.5	27.3	28.3	27.2	34.2	34.6	
Average (mean) duration of unemployment (weeks)	21.5	*	*	26.3	*	30.1	

(a) Excludes persons in institutions. See Explanatory notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19:  
SCHOOL ATTENDANCE(a), JULY 1985

Employed Full-time workers	Unemployed				Labour force Total - '000 -	Not in labour force Total - '000 -	Civilian popula- tion aged 15-19	Unemp- loyment rate - per cent -	Partici- pation rate	
	Looking for full- time work	Looking for part- time work	Total	- '000 -						
NOT ATTENDING SCHOOL										
Males	232.8	260.0	61.9	*	65.3	325.3	46.7	372.0	20.1	87.4
Females	189.9	238.7	43.2	5.2	48.4	287.0	70.8	357.8	16.8	80.2
Persons	422.7	498.7	105.1	8.5	113.7	612.3	117.5	729.8	18.6	83.9
Left school -										
Before 1983	148.0	163.7	36.4	*	38.2	201.9	30.0	231.8	18.9	87.1
1983	136.3	157.7	27.1	*	29.7	187.5	33.9	221.3	15.9	84.7
1984 to survey date	138.5	177.2	41.6	4.1	45.8	223.0	53.6	276.6	20.5	80.6
Age -										
15	8.0	10.5	6.1	*	6.6	17.1	5.2	22.3	38.5	76.8
16	46.6	55.2	15.1	*	16.1	71.3	10.9	82.2	22.6	86.7
17	91.1	105.7	27.5	) 4.0	( 29.5	135.2	17.9	153.1	21.8	88.3
18	130.0	156.5	27.7	)	( 29.7	186.3	41.8	228.1	16.0	81.7
19	147.0	170.7	28.7	*	31.8	202.5	41.6	244.1	15.7	83.0
ATTENDING SCHOOL										
Males	*	49.0	3.5	7.4	10.8	59.9	228.7	288.5	18.1	20.7
Females	*	62.9	3.6	11.4	15.1	78.0	203.2	281.1	19.3	27.7
Persons	*	111.9	7.1	18.8	25.9	137.8	431.8	569.6	18.8	24.2
Age -										
15	*	40.5	) 4.9	( 10.9	12.8	53.3	196.8	250.1	24.0	21.3
16	*	43.7	)	( 6.2	9.2	52.9	132.8	185.7	17.4	28.5
17	*	23.6	*	*	)	26.6	77.1	103.7	)	25.6
18 and 19	*	4.1	*	*	) 3.9	( 5.0	25.1	30.1	) 12.4	( 16.7
TOTAL										
Males	234.2	309.0	65.4	10.7	76.1	385.1	275.4	660.5	19.8	58.3
Females	191.0	301.6	46.8	16.6	63.4	365.0	273.9	638.9	17.4	57.1
Persons	425.2	610.6	112.3	27.3	139.6	750.1	549.3	1,299.4	18.6	57.7
Age -										
15	9.0	51.1	8.0	11.3	19.4	70.4	202.0	272.4	27.5	25.9
16	47.4	98.9	18.1	7.2	25.3	124.2	143.8	267.9	20.4	46.3
17	91.6	129.3	29.2	*	32.5	161.8	95.0	256.8	20.1	63.0
18	130.0	160.3	28.3	)	( 30.7	191.0	61.3	252.3	16.1	75.7
19	147.2	171.0	28.7	) 5.5	( 31.8	202.8	47.2	250.0	15.7	81.1

(a) Excludes persons in institutions. See Explanatory notes.

TABLE 8. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20 TO 24, JULY 1985

Employed Full-time workers	Unemployed				Labour force Total - '000 -	Not in labour force Total - '000 -	Civilian popula- tion aged 20-24	Unemp- loyment rate - per cent -	Partici- pation rate	
	Looking for full- time work	Looking for part- time work	Total	- '000 -						
Males										
Males	489.7	526.0	67.1	*	70.3	596.3	66.2	662.5	11.8	90.0
Females	370.4	439.3	36.9	10.7	47.6	486.9	171.0	657.9	9.8	74.0
Persons	860.1	965.3	104.0	13.9	118.0	1,083.2	237.2	1,320.4	10.9	82.0
Age -										
20	155.1	178.1	24.1	3.8	27.9	206.0	49.0	255.0	13.6	80.8
21	166.6	187.8	24.9	) 5.5	( 27.3	215.1	46.8	261.8	12.7	82.1
22	180.4	198.1	20.6	)	( 23.7	221.8	44.8	266.6	10.7	83.2
23	180.7	201.8	17.3	)	( 20.1	221.9	46.6	268.5	9.1	82.7
24	177.3	199.5	17.1	) 4.6	( 18.9	218.5	50.0	268.5	8.7	81.4

TABLE 9. CIVILIAN LABOUR FORCE BY BIRTHPLACE, JULY 1985<sup>a</sup>

Employed	Unemployed				Labour force	Unemployment rate	Participation rate(s)
	Looking for full-time work		Total	Total			
	Full-time workers	Total	- '000 -	- per cent -			
MALES							
Born in Australia	2,827.8	3,028.2	226.2	241.5	3,269.7	7.4	76.7
Born outside Australia	1,015.5	1,067.3	98.0	102.3	1,169.6	8.7	75.9
Africa	35.0	36.4	*	*	39.2	*	79.9
America	33.2	36.0	*	*	39.3	*	77.9
Asia	126.6	132.3	25.0	26.0	158.3	16.4	75.1
Lebanon	14.8	15.5	6.2	6.2	21.7	28.6	78.4
Vietnam	18.5	19.6	5.7	5.8	25.4	23.0	76.4
Europe	752.7	786.5	59.7	62.4	848.9	7.4	75.1
Germany	41.1	42.5	4.1	4.4	46.8	9.3	81.8
Greece	48.2	50.6	6.0	6.2	56.8	10.8	75.5
Italy	102.2	105.7	5.7	6.0	111.7	5.4	76.9
Malta	23.4	23.9	*	*	25.5	*	80.3
Netherlands	35.3	37.4	*	*	40.2	*	79.4
Poland	15.0	16.0	*	*	18.5	*	55.4
UK and Ireland	370.6	386.4	25.8	27.2	413.6	6.6	74.9
Yugoslavia	53.5	54.3	4.7	5.2	59.5	8.8	76.1
Oceania	70.1	76.1	7.4	7.9	84.0	9.4	84.3
New Zealand	61.4	66.6	6.2	6.5	73.1	8.8	87.0
MARRIED FEMALES							
Born in Australia	544.0	1,082.0	30.2	57.7	1,139.7	5.1	44.0
Born outside Australia	266.1	432.3	18.9	30.9	463.2	6.7	46.4
Africa	9.7	15.2	*	*	16.4	*	54.1
America	10.0	14.9	*	*	16.3	*	47.8
Asia	48.6	63.2	5.1	7.4	70.6	10.5	48.9
Lebanon	*	*	*	*	4.4	*	25.0
Vietnam	5.9	6.0	*	*	7.4	*	54.9
Europe	177.5	308.9	11.1	18.1	327.0	5.5	44.7
Germany	8.6	18.1	*	*	19.6	*	47.6
Greece	16.9	22.7	*	*	24.5	*	43.8
Italy	20.7	36.4	*	*	36.6	*	38.1
Malta	4.6	9.0	*	*	9.5	*	36.8
Netherlands	7.2	14.7	*	*	15.7	*	45.5
Poland	4.2	5.7	*	*	5.9	*	35.1
UK and Ireland	82.3	152.2	5.1	8.8	161.0	5.4	46.2
Yugoslavia	17.9	24.0	*	*	26.1	*	51.1
Oceania	20.2	30.1	*	*	32.9	*	55.4
New Zealand	16.5	25.7	*	*	28.2	*	55.6
ALL FEMALES							
Born in Australia	1,215.8	1,961.6	115.5	167.2	2,128.8	7.9	47.2
Born outside Australia	413.0	617.4	36.9	54.7	672.1	8.1	46.4
Africa	15.5	22.0	*	*	23.3	*	49.4
America	14.7	22.3	*	*	25.0	*	51.4
Asia	73.2	92.9	8.8	12.8	105.7	12.1	48.0
Lebanon	4.1	5.0	*	*	6.8	*	29.0
Vietnam	10.5	10.7	*	*	13.3	*	55.3
Europe	269.9	425.4	21.2	31.6	457.1	6.9	44.4
Germany	12.6	23.4	*	*	25.7	*	46.9
Greece	19.8	26.1	*	*	28.1	*	39.1
Italy	27.9	44.5	*	*	45.1	*	38.1
Malta	5.4	10.0	*	*	10.4	*	35.0
Netherlands	9.1	17.1	*	*	18.7	*	41.5
Poland	6.1	8.3	*	*	9.5	*	34.9
UK and Ireland	143.3	230.5	11.9	17.3	247.8	7.0	47.2
Yugoslavia	22.1	29.7	*	*	32.4	*	49.0
Oceania	39.5	54.7	4.6	6.3	60.9	10.3	58.9
New Zealand	33.9	47.8	4.2	5.8	53.6	10.8	61.1
PERSONS							
Born in Australia	4,043.6	4,989.8	341.8	408.7	5,398.5	7.6	61.6
Born outside Australia	1,428.5	1,684.7	134.9	157.0	1,841.7	8.5	61.6
Africa	50.6	58.4	3.6	4.1	62.5	6.5	64.9
America	47.9	58.3	4.5	6.0	64.2	9.3	64.9
Asia	197.8	225.2	33.8	38.8	264.0	14.7	61.3
Lebanon	18.9	20.5	7.5	8.0	28.5	28.1	55.8
Vietnam	29.0	30.2	8.3	8.5	38.7	22.0	67.5
Europe	1,022.5	1,211.9	81.0	94.0	1,306.0	7.2	60.5
Germany	53.8	65.9	5.7	6.7	72.6	9.3	64.7
Greece	68.0	76.7	7.5	8.1	84.9	9.6	57.8
Italy	130.1	150.2	6.0	6.6	156.8	4.2	59.5
Malta	28.8	33.9	*	*	35.9	*	58.3
Netherlands	44.4	54.5	3.7	4.4	58.9	7.5	61.6
Poland	21.1	24.4	*	*	28.0	13.0	46.2
UK and Ireland	513.9	616.9	37.7	44.5	661.4	6.7	61.4
Yugoslavia	75.6	84.0	6.0	8.0	91.9	8.7	63.6
Oceania	109.6	130.7	12.0	14.1	144.9	9.8	71.4
New Zealand	95.3	114.4	10.4	12.2	126.6	9.7	73.8

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 10. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, JULY 1985

Period of arrival	Europe								Total		
	Africa		America		Asia		Ireland	Oceania		Females	
	U.K.	Other and count- ries	New Zealand	Total	Males	Married	Total	Persons			
EMPLOYED ('000)											
Before 1971	30.9	17.6	77.5	427.3	480.7	29.2	35.3	700.5	269.7	368.9	1,069.4
1971 - 1975	10.5	20.2	40.6	96.7	55.8	15.2	17.8	145.6	63.1	96.0	241.6
1976 - 1980	8.9	8.5	58.7	42.8	26.2	35.3	39.8	106.6	50.8	78.4	185.0
1981 - 1983	6.0	6.7	34.7	38.9	26.2	21.5	23.3	81.7	36.6	54.1	135.8
1984 to survey date	*	5.2	13.8	11.2	6.1	13.3	14.5	32.8	12.2	20.0	52.9
UNEMPLOYED ('000)											
Before 1971	)	(	9.1	28.4	35.7	*	*	53.8	13.5	23.8	77.6
1971 - 1975	)	3.7	(	4.3	(	5.4	7.6	6.5	*	15.4	5.2
1976 - 1980	)	(	(	(	8.4	3.9	4	4.1	4.7	12.2	4.2
1981 - 1983	)	(	*	8.1	3.6	3.9	)	5.3	(	11.2	5.5
1984 to survey date	*	*	*	7.9	*	*	)	5.3	6.1	(	9.6
LABOUR FORCE ('000)											
Before 1971	32.7	18.4	86.6	455.6	516.4	30.9	37.2	754.4	283.1	392.7	1,147.0
1971 - 1975	11.1	22.9	45.9	104.3	62.3	16.4	19.3	161.1	68.3	104.7	265.8
1976 - 1980	9.2	9.4	67.0	46.7	28.6	39.4	44.6	118.8	54.9	86.7	205.5
1981 - 1983	7.1	7.2	42.8	42.4	30.1	24.4	26.7	92.9	42.1	63.4	156.3
1984 to survey date	*	6.3	21.7	12.3	7.1	15.6	17.2	42.5	14.7	24.6	67.0
UNEMPLOYMENT RATE (per cent)											
Before 1971	)	(	10.5	6.2	6.9	*	*	7.1	4.8	6.1	6.8
1971 - 1975	)	6.1	(	8.5	(	11.7	7.3	10.5	*	9.6	7.6
1976 - 1980	)	(	(	12.5	8.4	*	10.4	10.6	10.2	7.6	9.6
1981 - 1983	)	(	*	18.9	8.4	12.9	)	13.2	(	12.1	13.0
1984 to survey date	*	*	*	36.3	*	*	)	13.2	13.8	(	22.7
PARTICIPATION RATE(s) (per cent)											
Before 1971	63.7	61.3	63.3	58.1	57.9	58.1	58.9	73.4	43.0	42.2	58.6
1971 - 1975	59.9	69.4	65.2	70.0	68.2	73.0	71.6	82.3	52.4	54.1	68.3
1976 - 1980	75.9	70.7	65.9	72.4	66.8	81.4	76.8	83.7	57.2	57.6	70.3
1981 - 1983	68.9	61.1	56.5	73.9	70.3	83.9	79.7	82.0	55.1	53.7	67.5
1984 to survey date	*	58.2	46.7	54.7	53.2	83.6	80.3	69.7	38.6	42.7	56.6

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 11. CIVILIAN LABOUR FORCE, BY AGE, JULY 1985

Age group	Number ('000)					Participation rate (per cent)				
	Females					Females				
	Males	Married	Not married	Total	Persons	Males	Married	Not married	Total	Persons
15-64	4,373.4	1,593.8	1,188.4	2,782.3	7,155.7	83.9	49.2	62.8	54.2	69.2
15-19	385.1	11.4	353.6	365.0	750.1	58.0	44.1	57.5	57.0	57.5
20-24	596.3	144.4	342.5	486.9	1,083.2	90.0	57.1	84.6	74.0	82.0
25-34	1,205.4	503.2	235.0	738.2	1,943.6	94.7	52.7	74.2	58.1	76.4
35-44	1,044.7	536.4	126.9	663.3	1,708.0	94.6	60.7	65.8	61.6	78.3
45-54	706.0	300.8	79.2	380.0	1,086.0	89.8	49.5	53.6	50.3	70.4
55-59	290.2	70.8	32.9	103.7	393.9	76.6	25.7	34.2	27.9	52.5
60-64	145.7	26.7	18.4	45.2	190.9	42.7	11.1	15.5	12.5	27.2
65 and over	65.9	9.0	9.6	18.6	84.5	9.7	2.5	1.7	2.0	5.2
Total	4,439.4	1,602.9	1,198.0	2,800.9	7,240.2	75.4	44.5	48.6	46.1	60.5

TABLE 12. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, JULY 1985  
(per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	84.7	54.8	69.6	84.9	53.3	69.8
15-19	60.5	58.9	59.7	53.4	49.7	51.5
20-24	91.5	74.8	83.2	87.5	71.3	79.4
25-34	95.8	57.8	76.8	94.6	59.1	76.5
35-44	95.7	61.0	78.1	93.6	63.3	79.4
45-54	91.2	50.1	70.3	88.6	51.3	71.7
55-59	77.4	28.6	52.6	77.1	26.7	53.8
60-64	39.6	13.1	25.3	50.6	11.4	32.8
65 and over	11.6	2.2	6.1	6.7	2.3	4.4
Total	76.7	47.2	61.6	75.9	46.4	61.6

(a) See the definition of the labour force participation rate in the Explanatory notes.

TABLE 13. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, JULY 1985  
('000)

	Age group									Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over		
MALES										
Full-time workers	234.2	489.7	1,081.2	971.2	649.5	255.4	120.9	41.2	3,843.3	
Part-time workers	74.8	36.3	42.4	26.2	21.3	13.7	13.3	24.3	252.3	
Total	309.0	526.0	1,123.6	997.4	670.8	269.1	134.2	65.5	4,095.6	
MARRIED FEMALES										
Full-time workers	6.5	101.6	247.8	254.3	151.9	32.9	12.3	*	810.0	
Part-time workers	*	30.8	220.8	256.2	139.0	34.9	14.2	6.5	704.3	
Total	8.3	132.4	468.7	510.5	291.0	67.9	26.5	9.0	1,514.3	
ALL FEMALES										
Full-time workers	191.0	370.4	432.3	342.1	207.3	57.0	23.5	5.3	1,628.8	
Part-time workers	110.6	68.9	253.2	284.6	156.1	42.5	21.2	13.3	950.2	
Total	301.6	439.3	685.5	626.4	363.4	99.5	44.7	18.6	2,579.0	
PERSONS										
Full-time workers	425.2	860.1	1,513.5	1,313.3	856.8	312.4	144.3	46.5	5,472.1	
Part-time workers	185.3	105.2	295.6	310.5	177.4	56.2	34.6	37.6	1,202.4	
Total	610.6	965.3	1,809.1	1,623.8	1,034.2	368.6	178.9	84.1	6,674.5	

TABLE 14. HOURS WORKED BY EMPLOYED PERSONS, JULY 1985

	Females				
	Males	Married	Not married	Total	Persons
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	226.4	97.4	63.4	160.8	387.2
1-15	156.8	312.3	143.5	455.8	612.6
16-29	209.3	316.6	107.6	424.1	633.4
30-34	275.8	129.6	85.4	215.0	490.7
35-39	729.7	241.4	253.1	494.5	1,224.2
40	1,013.8	231.8	255.7	487.4	1,501.2
41-44	261.9	42.2	59.3	101.5	363.5
45-48	368.7	50.5	43.2	93.7	462.4
49 and over	853.3	92.6	53.5	146.1	999.4
Total	4,095.6	1,514.3	1,064.7	2,579.0	6,674.5
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	162.3	41.8	33.4	75.2	237.6
By full-time workers	158.5	30.7	30.1	60.8	219.3
By part-time workers	3.9	11.1	3.3	14.4	18.3
Average weekly hours worked	39.6	27.6	31.4	29.2	35.6
By full-time workers	41.2	37.9	36.8	37.3	40.1
By part-time workers	15.3	15.8	13.5	15.2	15.2
Average weekly hours worked by persons who worked one hour or more in the survey week	42.0	29.5	33.4	31.1	37.8
By full-time workers	43.6	40.6	38.9	39.8	42.5
By part-time workers	16.4	16.8	14.6	16.2	16.3

TABLE 15. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, JULY 1985  
(per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	*	46.5	46.6	31.9	47.7	47.1	46.8
20-24	87.4	77.5	79.4	52.4	75.8	66.8	73.1
25-34	92.2	80.9	88.3	49.1	68.5	53.9	71.1
35-44	92.3	80.3	90.3	57.7	60.1	58.2	74.4
45-54	87.7	72.2	85.3	47.9	49.0	48.1	67.1
55-59	73.8	57.4	71.0	24.7	32.9	26.8	49.1
60-64	41.8	28.8	39.4	11.0	15.3	12.4	25.5
65 and over	10.4	7.7	9.7	2.5	1.7	2.0	5.2
Total	74.6	61.4	69.6	42.0	43.1	42.5	55.8

TABLE 16. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, JULY 1985  
('000)

Reason for working less than 35 hours	Females			Persons	
	Males	Married	Not married		
Leave, holiday or flexitime	285.5	78.6	72.6	151.2	436.7
Own illness or injury	188.9	51.7	59.1	110.8	299.7
Bad weather, plant breakdown, etc.	14.5	*	*	*	15.2
Began or left job in the survey week	11.6	*	4.7	6.0	17.6
Stood down, on short time, insufficient work	28.7	5.6	*	8.5	37.2
Shift work, standard work arrangements	68.0	11.6	12.2	23.9	91.8
Other reasons	18.8	*	*	4.4	23.2
Total	615.9	151.6	154.0	305.6	921.5

TABLE 17. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, JULY 1985  
('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	74.8	36.3	42.4	26.2	21.3	51.3	252.3
Preferred not to work more hours	58.8	24.8	27.1	18.6	14.9	47.7	191.8
Preferred to work more hours	16.0	11.5	15.3	7.6	6.4	3.6	60.4
Had actively looked for full-time work in the four weeks to the end of the survey week	8.3	6.0	9.4	3.9	-----	4.0	31.6
MARRIED FEMALES							
Total	*	30.8	220.8	256.2	139.0	55.6	704.3
Preferred not to work more hours	*	25.8	198.1	225.5	126.8	53.3	630.7
Preferred to work more hours	*	5.1	22.7	30.7	12.3	*	73.6
Had actively looked for full-time work in the four weeks to the end of the survey week	*	*	4.5	5.1	*	*	14.8
ALL FEMALES							
Total	110.6	68.9	253.2	284.4	156.1	77.1	950.2
Preferred not to work more hours	83.1	51.9	220.6	246.0	140.4	73.6	815.4
Preferred to work more hours	27.5	17.0	32.7	38.4	15.7	3.5	134.7
Had actively looked for full-time work in the four weeks to the end of the survey week	10.0	10.6	8.7	7.5	*	*	39.7
PERSONS							
Total	185.3	105.2	295.6	310.5	177.4	128.4	1,202.4
Preferred not to work more hours	141.9	76.7	247.6	264.5	155.3	121.3	1,007.3
Preferred to work more hours	43.5	28.5	47.9	46.0	22.1	7.1	195.2
Had actively looked for full-time work in the four weeks to the end of the survey week	18.4	16.5	18.0	11.4	5.3	*	71.4

TABLE 18. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, JULY 1985  
('000)

	Hours worked by persons who worked in the survey week						Persons who did not work in the survey week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	39.6	53.4	26.1	31.4	42.3	43.1	16.4	252.3
Preferred not to work more hours	29.2	43.7	20.2	20.6	30.0	34.6	13.6	191.8
Preferred to work more hours	10.4	9.7	5.9	10.8	12.3	8.5	*	60.4
Had actively looked for full-time work in the four weeks to the end of the survey week	3.5	6.0	4.1	7.3	6.4	*	*	31.6
MARRIED FEMALES								
Total	75.8	126.0	101.2	139.8	140.9	77.4	43.2	704.3
Preferred not to work more hours	62.5	107.2	89.5	129.1	129.1	73.6	39.6	630.7
Preferred to work more hours	13.3	18.8	11.7	10.7	11.8	3.8	3.6	73.6
Had actively looked for full-time work in the four weeks to the end of the survey week	---- 5.2 ----	---- 5.0 ----	---- 3.9 ----	----	----	*	*	14.8
ALL FEMALES								
Total	118.4	190.4	128.5	170.6	175.3	106.1	61.0	950.2
Preferred not to work more hours	95.8	158.9	109.7	148.2	152.1	97.1	53.7	815.4
Preferred to work more hours	22.6	31.5	18.8	22.4	23.2	8.9	7.3	134.7
Had actively looked for full-time work in the four weeks to the end of the survey week	5.0	8.7	5.6	7.6	8.1	*	*	39.7
PERSONS								
Total	158.0	243.7	154.6	202.0	217.6	149.2	77.3	1,202.4
Preferred not to work more hours	125.0	202.5	129.9	168.8	182.1	131.7	67.3	1,007.3
Preferred to work more hours	33.0	41.2	24.7	33.2	35.5	17.5	10.0	195.2
Had actively looked for full-time work in the four weeks to the end of the survey week	8.4	14.7	9.8	14.8	14.6	6.0	*	71.4

TABLE 19. UNEMPLOYED PERSONS: STATES, BY AGE, JULY 1985  
("000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia(a)
MALES							
15-19	24.9	17.1	16.1	7.8	6.1	2.5	76.1
20-24	26.2	14.3	13.3	6.6	5.8	2.7	70.3
25-34	33.7	16.5	14.6	5.8	7.7	2.3	81.8
35 and over	44.7	24.5	20.1	10.5	10.6	3.6	115.5
Total	129.7	72.4	64.1	30.8	30.2	11.0	343.8
FEMALES							
15-19	22.3	15.2	11.8	5.7	5.4	1.7	63.4
20-24	17.2	10.0	8.7	5.1	4.4	1.3	47.6
25-34	18.3	11.7	10.1	4.8	5.5	1.1	52.7
35 and over	20.0	13.0	11.6	5.3	5.8	1.5	58.1
Total	77.8	49.8	42.2	21.0	21.2	5.6	221.9
PERSONS							
Looking for full-time work -							
15-19	38.8	23.3	22.7	12.2	10.0	3.6	112.3
20-24	38.2	21.7	20.0	10.8	8.5	3.6	104.0
25-34	44.5	22.5	20.4	8.7	10.5	3.0	111.5
35-44	24.7	17.8	14.2	5.4	6.2	2.2	71.2
45-54	17.9	7.9	7.4	4.4	5.2	1.1	44.2
55 and over	14.7	5.1	4.8	3.7	3.3	*	33.5
Total looking for full-time work	178.8	98.3	89.5	45.3	43.6	14.2	476.7
Total -							
15-19	47.3	32.3	27.8	13.6	11.5	4.2	139.6
20-24	43.5	24.3	22.0	11.7	10.2	4.0	118.0
25-34	52.0	28.2	24.7	10.7	13.3	3.4	134.5
35-44	28.6	21.2	17.1	6.6	7.0	2.7	84.2
45-54	20.3	9.6	9.1	5.1	5.8	1.4	51.8
55 and over	15.8	6.7	5.6	4.1	3.6	*	37.7
Total	207.5	122.2	106.3	51.8	51.4	16.6	565.7

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 20. UNEMPLOYED PERSONS AGED 15-19:  
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, JULY 1985

Duration of unemployment (weeks) -	Not attending school			Total
	Attending school	Left school before 1984	Left school 1984 to survey date	
		NUMBER ("000)		
Under 4	9.1	7.0	8.0	24.1
4 and under 13	6.4	12.2	11.2	29.8
13 and under 26	*	11.3	7.2	20.6
26 and over	8.4	37.4	19.4	65.1
Total	25.9	67.9	45.8	139.6
AVERAGE DURATION OF UNEMPLOYMENT (weeks)				
Mean duration -				
Males	12.3	39.6	19.0	28.1
Females	18.2	46.5	22.7	33.1
Persons	15.7	42.7	20.4	30.4
Looking for full-time work	18.8	43.7	21.2	33.8
Looking for part-time work	14.6	*	*	16.6
Median duration -				
Males	*	26.1	13.0	17.1
Females	9.0	26.1	23.1	24.0
Persons	8.0	26.1	17.1	22.1
Looking for full-time work	*	27.0	22.1	26.0
Looking for part-time work	6.0	*	*	6.0

TABLE 21. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, JULY 1985

	Number unemployed ('000)						Unemployment rate (per cent)					
	Males		Females		Persons		Males		Females		Persons	
	Married	Total	Married	Total	Persons	Married	Total	Married	Total	Persons	Total	Persons
LOOKING FOR FULL-TIME WORK												
Total	130.5	324.3	49.1	152.4	476.7	4.8	7.8	5.7	8.6	8.0		
Aged 15-19	*	65.4	*	46.8	112.3	*	21.8	*	19.7	20.9		
Looking for first job	*	26.4	*	20.3	46.7	*	*	*	*	*		
Attending school	*	3.5	*	3.6	7.1	n.a.	n.a.	n.a.	n.a.	n.a.		
Aged 20 and over	129.4	258.9	46.2	105.6	364.5	4.7	6.7	5.4	6.8	6.7		
20-24	10.0	67.1	6.4	36.9	104.0	8.4	12.1	5.9	9.1	10.8		
Looking for first job	*	3.7	*	4.1	7.8	*	*	*	*	*		
25-34	39.1	80.2	17.2	31.3	111.5	5.0	6.9	6.5	6.8	6.9		
35-44	32.2	46.1	15.4	25.2	71.2	3.7	4.5	5.7	6.9	5.1		
45-54	25.5	34.5	5.8	9.7	44.2	4.3	5.0	3.6	4.5	4.9		
55 and over	22.6	31.0	*	*	33.5	5.9	6.9	*	*	6.2		
Aged 15-64	130.0	323.8	49.1	152.4	476.2	4.8	7.8	5.7	8.6	8.1		
LOOKING FOR PART-TIME WORK												
Total	3.7	19.5	39.5	69.5	89.0	3.6	7.2	5.3	6.8	6.9		
Aged 15-19	*	10.7	*	16.6	27.3	*	12.5	*	13.0	12.8		
Attending school	*	7.4	*	11.4	18.8	*	13.4	*	15.6	14.7		
Aged 20 and over	3.7	8.8	39.2	52.9	61.7	3.6	6.7	5.3	5.9	5.7		
20-24	*	4.8	( 5.6	10.7	13.9	*	5.8	( 15.4	13.5	11.7		
25-34	*	)	( 17.4	21.4	23.0	*	)	( 7.3	7.8	7.2		
35-44	*	)	( 10.4	11.7	12.9	*	)	( 3.9	3.9	4.0		
45 and over	*	)	( 5.8	9.1	11.8	*	)	( 2.9	3.7	3.7		
Aged 15-64	3.7	19.5	39.5	69.5	89.0	4.4	7.9	5.4	6.9	7.1		
TOTAL												
Total	134.2	343.8	88.6	221.9	565.7	4.7	7.7	5.5	7.9	7.8		
Aged 15-19	*	76.1	*	63.4	139.6	*	19.8	*	17.4	18.6		
Attending school	*	10.8	*	15.1	25.9	*	18.1	*	19.3	18.8		
Aged 20 and over(a)	133.1	267.7	85.4	158.5	426.1	4.7	6.6	5.4	6.5	6.6		
20-24	10.4	70.3	12.0	47.6	118.0	8.4	11.8	8.3	9.8	10.9		
25-34	39.6	81.8	34.6	52.7	134.5	4.9	6.8	6.9	7.1	6.9		
35-44	32.6	47.3	25.9	36.9	84.2	3.7	4.5	4.8	5.6	4.9		
45-54	26.1	35.2	9.8	16.6	51.8	4.3	5.0	3.3	4.4	4.8		
55-59	15.8	21.1	*	4.2	25.2	6.4	7.3	*	4.0	6.4		
60-64	8.0	11.5	*	*	12.0	6.5	7.9	*	*	6.3		
Aged 15-64	133.7	343.3	88.6	221.9	565.2	4.8	7.9	5.6	8.0	7.9		

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 22. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, JULY 1985

	Number unemployed ('000)			Unemployment rate (per cent)			
	Males		Females	Males		Females	Persons
	Married	Total	Persons	Married	Total	Persons	Persons
BORN IN AUSTRALIA							
Total	241.5	167.2	408.7	7.4	7.9	7.6	
Looking for full-time work	226.2	115.5	341.8	7.4	8.7	7.8	
Looking for part-time work	15.3	51.7	67.0	7.1	6.5	6.6	
Aged 15-19	65.8	56.6	122.4	19.3	17.5	18.4	
Aged 20 and over	175.7	110.7	286.3	6.0	6.1	6.0	
20-24	54.8	38.1	92.9	11.1	9.5	10.4	
25-34	58.3	39.4	97.7	6.3	7.0	6.5	
35-44	25.6	22.3	47.9	3.7	4.9	4.2	
45-54	19.3	8.5	27.7	4.2	3.2	3.8	
55 and over	17.7	*	20.1	5.1	*	4.3	
Aged 15-64	241.1	167.2	408.4	7.5	7.9	7.7	
BORN OUTSIDE AUSTRALIA							
Total	102.3	54.7	157.0	8.7	8.1	8.5	
Looking for full-time work	98.0	36.9	134.9	8.8	8.2	8.6	
Looking for part-time work	4.3	17.8	22.0	7.6	8.0	7.9	
Aged 15-19	10.3	6.9	17.2	23.3	16.7	20.1	
Aged 20 and over	92.0	47.8	139.8	8.2	7.6	8.0	
20-24	15.5	9.5	25.0	15.0	11.2	13.3	
25-34	23.5	13.4	36.8	8.6	7.5	8.2	
35-44	21.7	14.6	36.3	6.2	7.0	6.5	
45-54	15.9	8.1	24.1	6.5	6.9	6.6	
55 and over	15.4	*	17.6	9.9	*	8.9	
Aged 15-64	102.2	54.7	156.9	8.8	8.2	8.6	

TABLE 23. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., JULY 1985

Duration of unemployment (weeks)	Age group					Married	Not married	Looking for -				
	15-19	20-24	25-34	35-54	Total(a)			Full-time work	Part-time work			
MALES												
- '000 -												
Under 2	5.0	-----	4.7	-----	*	13.1	4.4	8.8	10.0	*		
2 and under 4	9.0	8.5	6.6	5.6	28.6	6.6	21.9	23.4	5.2			
4 and under 8	9.6	6.6	7.9	6.0	31.3	10.0	21.3	29.1	) 4.0			
8 and under 13	7.1	5.4	6.5	5.4	25.8	9.1	16.7	24.0	)			
13 and under 26	11.2	10.8	11.9	12.5	49.4	19.5	29.9	47.3	) 4.8			
26 and under 39	18.8	10.3	12.4	7.2	51.2	15.5	35.8	48.6	)			
39 and under 52	*	4.4	4.3	5.2	18.4	7.8	10.6	18.4	*			
52 and under 65	*	*	6.0	6.6	20.1	11.1	9.0	19.0	*			
65 and under 104	6.0	4.0	5.1	6.3	26.0	10.0	16.0	25.9	*			
104 and over	4.3	14.9	21.4	24.8	79.9	40.2	39.7	78.6	*			
Total	76.1	70.3	81.8	82.5	343.8	134.2	209.6	324.3	19.5			
- weeks -												
Average duration -												
Mean	28.1	54.9	66.0	71.4	59.4	72.0	51.3	61.7	20.2			
Median	17.1	26.0	30.1	40.1	28.1	40.0	26.1	30.1	5.0			
FEMALES												
- '000 -												
Under 2	4.8	*	4.7	5.6	18.3	9.0	9.3	7.7	10.6			
2 and under 4	5.3	6.1	7.4	6.9	26.2	15.3	10.9	12.0	14.3			
4 and under 8	5.9	5.6	5.7	5.6	22.8	10.2	12.6	13.6	9.2			
8 and under 13	7.2	*	6.8	4.7	22.2	9.3	12.8	13.8	8.4			
13 and under 26	9.4	6.7	8.2	7.3	31.7	12.9	18.8	23.5	8.2			
26 and under 39	15.3	7.4	8.1	8.2	39.1	12.1	27.1	30.3	8.8			
39 and under 52	-----	3.6	-----	3.5	7.6	*	5.1	6.3	*			
52 and under 65	4.2	*	4.1	*	14.9	5.5	9.4	11.1	3.8			
65 and under 104	4.0	-----	4.8	-----	11.8	*	9.3	10.5	*			
104 and over	5.5	7.8	4.6	7.9	27.2	9.3	17.9	23.7	*			
Total	63.4	47.6	52.7	53.5	221.9	88.6	133.3	152.4	69.5			
- weeks -												
Average duration -												
Mean	33.1	43.3	33.1	40.7	37.9	31.8	42.0	45.8	20.6			
Median	24.0	20.1	13.1	17.1	20.0	13.0	26.0	26.1	8.0			
PERSONS												
- '000 -												
Under 2	9.7	6.0	6.5	8.4	31.4	13.3	18.1	17.7	13.7			
2 and under 4	14.4	14.6	11.8	12.5	54.8	21.9	32.9	35.3	19.5			
4 and under 8	15.5	12.2	13.7	11.6	54.1	20.2	33.9	42.7	11.4			
8 and under 13	14.3	8.7	13.3	10.1	48.0	18.5	29.5	37.8	10.1			
13 and under 26	20.6	17.5	20.1	19.8	81.1	32.4	48.7	70.8	10.3			
26 and under 39	34.1	17.7	20.4	15.4	90.4	27.5	62.8	78.9	11.5			
39 and under 52	4.6	6.2	5.6	7.4	25.9	10.3	15.6	24.6	*			
52 and under 65	6.5	5.6	10.2	9.2	35.0	16.6	18.4	30.1	4.9			
65 and under 104	10.0	6.9	7.0	8.7	37.9	12.6	25.3	36.5	*			
104 and over	9.8	22.7	25.9	32.7	107.1	49.5	57.6	102.4	4.8			
Total	139.6	118.0	134.5	136.0	565.7	222.8	342.9	476.7	89.0			
- weeks -												
Average duration -												
Mean	30.4	50.2	53.1	59.3	51.0	56.0	47.7	56.6	20.5			
Median	22.1	26.0	26.0	27.0	26.1	26.1	26.1	28.0	7.0			

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 24. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB  
AND DURATION OF UNEMPLOYMENT, JULY 1985  
("000)

	Duration of unemployment (weeks)						Total						
	Under 4		4 and under 8		8 and under 13		13 and under 26	26 and under 39	39 and under 65	65 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	47.3	36.7	31.7	59.5	49.3	42.5	24.8	202.1	89.7	1,291.8			
Industry division or subdivision -	----	4.3	----	*	4.9	----	5.7	----	*	15.3	4.6	19.9	
Agriculture, forestry, fishing & hunting	----	3.6	----	*	4.4	----	4.4	----	*	12.8	4.0	16.8	
Agriculture & services to agriculture	8.9	8.1	4.7	14.1	8.6	9.8	7.4	48.0	13.7	61.7			
Manufacturing	----	4.6	----	4.4	----	----	4.5	----	9.4	4.1	13.4		
Food, beverages and tobacco	*	*	3.8	----	----	3.7	----	9.4	*	9.6			
Metal products	5.9	4.6	*	8.0	5.5	6.7	5.4	29.2	9.5	38.7			
Other manufacturing	5.1	4.0	*	6.6	4.0	----	5.9	----	28.6	*	29.0		
Construction	11.9	8.4	8.9	12.3	14.8	10.9	5.2	42.3	30.1	72.4			
Wholesale and retail trade	----	4.9	----	5.9	----	3.6	----	*	11.0	4.3	15.3		
Wholesale trade	9.5	5.9	5.9	9.5	13.4	8.7	4.3	31.3	25.9	57.1			
Retail trade	3.8	----	----	4.4	----	----	5.0	----	11.2	*	13.1		
Transport and storage	----	4.6	----	*	4.9	----	5.7	----	*	12.7	6.6	19.3	
Finance, property & business services	----	4.6	----	*	4.8	----	*	*	*	8.7	4.2	12.9	
Public administration and defence	4.2	3.7	4.8	----	3.6	*	*	*	6.4	11.8	18.2		
Community services	5.1	4.0	*	8.4	7.2	4.9	*	20.3	15.4	35.7			
Recreation, personal & other services	----	4.2	----	----	4.7	----	----	*	8.5	*	9.6		
Other industries													
Occupation group -													
Professional, technical, etc.	3.8	*	*	4.9	----	3.9	----	8.4	6.6	15.0			
Clerical	6.3	3.9	4.5	5.7	7.2	4.3	*	7.5	26.3	33.8			
Sales	5.6	4.0	3.6	4.7	6.6	6.2	*	16.7	16.4	33.1			
Farmers, fishermen, etc.	4.9	----	4.3	5.0	6.2	----	*	17.8	4.3	22.1			
Transport and communication	4.3	----	----	4.6	----	----	5.4	----	14.1	*	14.3		
Tradesmen, production-process workers and labourers, n.e.c.	19.4	16.6	11.6	27.6	18.1	20.1	12.6	111.1	14.8	125.9			
Service, sport and recreation	5.5	5.1	4.7	7.8	6.6	4.6	*	18.2	18.8	37.0			
Other occupations	*	----	4.2	----	3.6	----	*	8.4	*	10.6			
Other	28.4	17.4	16.3	21.6	41.0	18.5	120.2	138.7	124.6	263.3			
Looking for first job	12.3	8.7	7.5	8.1	25.9	5.2	16.4	40.9	43.2	84.1			
Looking for full-time work	5.0	5.0	3.6	5.5	21.8	4.1	14.5	32.0	27.4	59.5			
Other	16.1	8.7	8.7	13.5	15.1	13.3	103.8	97.8	81.4	179.2			
Stood down	10.6	..	..	..	..	..	..	*	7.6	10.6			
Total	86.2	54.1	48.0	81.1	90.4	60.9	145.0	343.8	221.9	565.7			

TABLE 25. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK(a), JULY 1985  
('000)

	Males	Females	Persons			Total
			Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	340.8	214.3	137.4	115.8	301.9	555.1
Wrote, phoned or applied in person to an employer	248.2	161.3	99.8	87.0	222.6	409.5
Answered a newspaper advertisement for a job	11.5	7.3	*	5.1	10.4	18.8
Checked factory or Commonwealth Employment Service noticeboards	44.2	24.4	20.3	13.4	34.9	68.6
Been registered with the Commonwealth Employment Service	33.3	13.1	11.5	9.0	25.9	46.4
Checked or registered with any other employment agency	*	*	*	*	*	*
Advertised or tendered for work	*	*	*	*	*	*
Contacted relatives or friends	*	5.2	*	*	5.1	7.9
Stood down	*	7.6	-----	4.3	-----	10.6
Total	343.8	221.9	139.6	118.0	308.2	565.7

(a) See Explanatory notes, paragraph 11.

TABLE 26. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, JULY 1985

Age group	Males			Females			Persons	Proportion of population - per cent -
	Not married		Total	Married	Not married	Total		
	Married	Not married	- '000 -	Married	Not married	Total		
15-19	*	277.8	278.5	14.4	260.9	275.4	553.8	42.5
20-24	5.9	60.3	66.2	108.5	62.5	171.0	237.2	18.0
25-34	25.7	41.7	67.4	451.6	81.6	533.2	600.6	23.6
35-44	37.5	22.6	60.1	347.7	66.0	413.7	473.8	21.7
45-54	55.2	25.5	80.6	306.8	68.5	375.3	455.9	29.6
55-59	66.4	22.2	88.6	204.3	63.3	267.6	356.2	47.5
60-64	153.4	41.9	195.3	214.5	100.7	315.2	510.5	72.8
65-69	165.1	47.4	212.5	157.7	125.5	283.1	495.6	90.7
70 and over	276.6	122.7	399.3	197.4	440.5	637.9	1,037.1	96.8
Total	786.4	662.0	1,448.3	2,002.9	1,269.5	3,272.4	4,720.7	39.5

TABLE 27. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., JULY 1985  
('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	10.3	15.9	26.2	26.9	21.1	48.0	74.2
Took active steps to find work(a)	6.1	8.4	14.5	7.1	10.2	17.3	31.9
Did not take active steps to find work	4.2	7.5	11.7	19.8	10.9	30.7	42.4
Not looking for work	745.0	586.3	1,331.3	1,958.5	1,140.7	3,099.2	4,430.5
Permanently unable to work	13.3	6.9	20.3	*	10.8	14.1	34.4
In institutions	17.8	52.8	70.6	14.2	96.8	111.1	181.6
Total	786.4	662.0	1,448.3	2,002.9	1,269.5	3,272.4	4,720.7

(a) Not available to start work in the survey week for reasons other than own temporary illness or injury.

TABLE 28. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS  
JUNE 1985 AND JULY 1985  
('000)

Labour force status in - June 1985	July 1985	Males	Females		
			Married	Total	Persons
Employed full time	Employed full time	3,023.6	591.3	1,187.7	4,211.3
	Employed part time	34.1	43.1	56.6	90.7
	Unemployed	24.3	*	8.7	33.0
	Not in the labour force	28.7	22.2	29.4	58.1
Employed part time	Employed full time	44.8	48.5	67.8	112.6
	Employed part time	131.4	495.2	653.3	784.7
	Unemployed	10.9	7.5	12.8	23.7
	Not in the labour force	21.0	48.9	63.9	84.9
Unemployed	Employed full time	36.7	4.6	15.1	51.8
	Employed part time	10.1	10.8	19.1	29.2
	Unemployed	197.3	35.0	105.1	302.4
	Not in the labour force	33.0	27.3	48.0	81.0
Not in the labour force	Employed full time	30.8	16.3	22.9	53.7
	Employed part time	23.2	52.5	68.4	91.6
	Unemployed	29.9	22.6	43.1	72.9
	Not in the labour force	980.2	1,522.1	2,394.2	3,374.4
Total flows into	Employed	100.8	84.2	125.5	226.2
	Full time	112.3	69.4	105.8	218.1
	Part time	67.4	106.3	144.1	211.4
	Unemployed	65.1	33.5	64.5	129.6
	Not in the labour force	82.7	98.5	141.3	224.0
Total flows out of	Employed	84.9	82.0	114.8	199.7
	Full time	87.1	68.7	94.7	181.7
	Part time	76.6	105.0	144.6	221.2
	Unemployed	79.8	42.7	82.1	162.0
	Not in the labour force	83.8	91.3	134.3	218.2
Total changes of status		248.5	216.1	331.3	579.8
Population represented by the matched sample		4,659.9	2,951.3	4,795.9	9,455.9

TABLE 29. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, JULY 1985

	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 and over		
	NUMBER ('000)				Males Females Persons		
Member of a family	5,466.7	434.8	5,901.5	3,618.6	4,736.3	4,783.7	9,520.1
Husband or wife	4,077.4	211.7	4,289.1	2,609.7	3,480.6	3,418.3	6,898.8
With children aged 0-14 present	2,288.1	132.9	2,421.0	901.1	1,685.6	1,636.4	3,322.0
Without children aged 0-14 present	1,789.3	78.9	1,868.2	1,708.6	1,795.0	1,781.8	3,576.8
Not-married family head	210.0	24.4	234.4	318.0	96.6	455.9	552.5
With children aged 0-14 present	100.4	15.4	115.8	152.3	26.2	241.9	268.1
Without children aged 0-14 present	109.7	9.0	118.6	165.8	70.4	214.0	284.4
Child(s) of family head	1,104.8	181.4	1,286.2	561.0	1,061.7	785.6	1,847.2
Other relative of family head	74.4	17.3	91.7	129.8	97.5	124.0	221.5
Not a member of a family	892.9	89.8	982.7	629.1	772.0	839.8	1,611.8
Living alone	408.2	30.8	439.0	536.3	410.4	564.9	975.3
Not living alone	484.7	59.0	543.7	92.8	361.6	274.9	636.5
Usual resident of a private dwelling where family status was determined	6,359.6	524.6	6,884.2	4,247.7	5,508.3	5,623.5	11,131.9
Usual resident of a private dwelling where family status was not determined	161.8	18.0	179.8	88.9	116.1	152.6	268.7
Total usual residents of private dwellings	6,521.4	542.6	7,063.9	4,336.6	5,624.4	5,776.2	11,400.6
Visitors to private dwellings	45.5	9.9	55.5	79.8	58.2	77.0	135.2
Persons enumerated in non-private dwellings	107.6	13.2	120.8	304.3	205.1	220.1	425.2
<b>Total</b>	<b>6,674.5</b>	<b>565.7</b>	<b>7,240.2</b>	<b>4,720.7</b>	<b>5,887.7</b>	<b>6,073.3</b>	<b>11,961.0</b>
	PROPORTION OF TOTAL (per cent)						
Member of a family	81.9	76.9	81.5	76.7	80.4	78.8	79.6
Husband or wife	61.1	37.4	59.2	55.3	59.1	56.3	57.7
With children aged 0-14 present	34.3	23.5	33.4	19.1	28.6	26.9	27.8
Without children aged 0-14 present	26.8	13.9	25.8	36.2	30.5	29.3	29.9
Not-married family head	3.1	4.3	3.2	6.7	1.6	7.5	4.6
With children aged 0-14 present	1.5	2.7	1.6	3.2	0.4	4.0	2.2
Without children aged 0-14 present	1.6	1.6	1.6	3.5	1.2	3.5	2.4
Child(s) of family head	16.6	32.1	17.8	11.9	18.0	12.9	15.4
Other relative of family head	1.1	3.1	1.3	2.7	1.7	2.0	1.9
Not a member of a family	13.4	15.9	13.6	13.3	13.1	13.8	13.5
Living alone	6.1	5.4	6.1	11.4	7.0	9.3	8.2
Not living alone	7.3	10.4	7.5	2.0	6.1	4.5	5.3
Usual resident of a private dwelling where family status was determined	95.3	92.7	95.1	90.0	93.6	92.6	93.1
Usual resident of a private dwelling where family status was not determined	2.4	3.2	2.5	1.9	2.0	2.5	2.2
Total usual residents of private dwellings	97.7	95.9	97.6	91.9	95.5	95.1	95.3
Visitors to private dwellings	0.7	1.8	0.8	1.7	1.0	1.3	1.1
Persons enumerated in non-private dwellings	1.6	2.3	1.7	6.4	3.5	3.6	3.6
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Aged 15 and over.

TABLE 30. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), JULY 1985

	Unemployed										Civilian population 15 and over	Unemployment rate	Participation rate										
	Employed			Looking for full-time work			Labour force																
	Full-time workers	Part-time workers	Total	Total	full-time work	Labour force																	
- '000 -																							
- per cent -																							
MALES																							
Member of a family	3,191.4	197.0	3,388.4	245.7	260.6	3,649.0	1,087.4	4,736.3	7.1	77.0													
Husband	2,530.3	96.1	2,626.4	124.4	127.9	2,754.2	726.3	3,480.6	4.6	79.1													
With children aged 0-14 present	1,496.6	39.7	1,536.3	73.6	74.0	1,610.3	75.3	1,685.6	4.6	95.5													
Without children aged 0-14 present	1,033.7	56.4	1,090.1	50.8	53.8	1,143.9	651.1	1,795.0	4.7	63.7													
Not-married family head	57.2	3.5	60.7	4.5	4.7	65.5	31.2	96.6	7.2	67.7													
With children aged 0-14 present	18.0	*	19.4	*	*	20.7	5.5	26.2	*	79.2													
Without children aged 0-14 present	39.2	*	41.4	*	*	44.7	25.7	70.4	*	63.5													
Child(b) of family head	556.9	95.7	652.5	103.8	114.0	766.5	295.1	1,061.7	14.9	72.2													
Other relative of family head	47.0	*	48.8	13.0	14.0	62.8	34.7	97.5	22.3	64.4													
Not a member of a family	490.9	41.9	532.9	54.2	56.7	589.6	182.4	772.0	9.6	76.4													
Living alone	233.6	16.8	250.4	21.6	22.5	272.9	137.5	410.4	8.2	66.5													
Not living alone	257.3	25.2	282.5	32.6	34.2	316.7	44.8	361.6	10.8	87.6													
Total	3,682.3	239.0	3,921.3	299.9	317.3	4,238.6	1,269.7	5,508.3	7.5	76.9													
FEMALES																							
Member of a family	1,220.2	858.1	2,078.3	113.8	174.2	2,252.5	2,531.2	4,783.7	7.7	47.1													
Wife	767.2	683.8	1,451.0	46.3	83.8	1,534.9	1,883.4	3,418.3	5.5	44.9													
With children aged 0-14 present	310.0	441.8	751.8	27.6	58.8	810.6	825.8	1,636.4	7.3	49.5													
Without children aged 0-14 present	457.3	242.0	699.2	18.7	25.0	724.3	1,057.6	1,781.8	3.5	40.6													
Not-married family head	97.0	52.3	149.3	12.4	19.7	169.0	286.9	455.9	11.6	37.1													
With children aged 0-14 present	46.9	34.0	81.0	8.2	14.1	95.1	146.8	241.9	14.8	39.3													
Without children aged 0-14 present	50.1	18.3	68.3	4.2	5.6	73.9	140.1	214.0	7.6	34.5													
Child(b) of family head	334.7	117.6	452.3	52.3	67.4	519.7	265.9	785.6	13.0	66.2													
Other relative of family head	21.2	4.4	25.7	*	*	28.9	95.1	124.0	*	23.3													
Not a member of a family	305.0	55.0	360.0	27.8	33.1	393.1	446.8	839.8	8.4	46.8													
Living alone	132.1	25.7	157.8	6.2	8.3	166.1	398.8	564.9	5.0	29.4													
Not living alone	173.0	29.2	202.2	21.6	24.8	227.0	48.0	274.9	10.9	82.6													
Total	1,525.2	913.1	2,438.3	141.6	207.3	2,645.6	2,978.0	5,623.5	7.8	47.0													
PERSONS																							
Member of a family	4,411.5	1,055.2	5,466.7	359.5	434.8	5,901.5	3,618.6	9,520.1	7.4	62.0													
Husband or wife	3,297.5	779.9	4,077.4	170.7	211.7	4,289.1	2,609.7	6,898.8	4.9	62.2													
With children aged 0-14 present	1,806.6	481.5	2,288.1	101.1	132.9	2,421.0	901.1	3,322.0	5.5	72.9													
Without children aged 0-14 present	1,491.0	298.4	1,789.3	69.6	78.9	1,868.2	1,708.6	3,576.8	4.2	52.2													
Not-married family head	154.2	55.8	210.0	16.9	24.4	234.4	318.0	552.5	10.4	42.4													
With children aged 0-14 present	64.9	35.4	100.4	9.4	15.4	115.8	152.3	268.1	13.3	43.2													
Without children aged 0-14 present	89.3	20.4	109.7	7.5	9.0	118.6	165.8	284.4	7.6	41.7													
Child(b) of family head	891.5	213.3	1,104.8	156.2	181.4	1,286.2	561.0	1,847.2	14.1	69.6													
Other relative of family head	68.3	6.1	74.4	15.7	17.3	91.7	129.8	221.5	18.8	41.4													
Not a member of a family	796.0	96.9	892.9	82.0	89.8	982.7	629.1	1,611.8	9.1	61.0													
Living alone	365.7	42.5	408.2	27.8	30.8	439.0	536.3	975.3	7.0	45.0													
Not living alone	430.3	54.4	484.7	54.2	59.0	543.7	92.8	636.5	10.9	85.4													
Total	5,207.5	1,152.1	6,359.6	441.5	524.6	6,884.2	4,247.7	11,131.9	7.6	61.8													

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory notes.

(b) Aged 15 and over.

TABLE 31. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), JULY 1985  
('000 families)

Number of family members(c)	None employed			One employed			Two or more employed			Total			
	One or more unemp-loyed		Total	One or more unemp-loyed		Total	One or more unemp-loyed		Total	One or more unemp-loyed		Total	
	None	unemp-	loyed	None	unemp-	loyed	None	unemp-	loyed	None	unemp-	loyed	
MARRIED-COUPLE FAMILIES													
Two	495.4	27.8	523.2	247.6	20.1	267.7	401.7	..	401.7	1,144.7	47.9	1,192.6	
Three	42.3	25.8	68.1	242.1	27.6	269.7	337.5	13.1	350.6	622.0	66.4	688.4	
Four	18.1	27.6	45.7	306.8	39.6	346.4	486.3	30.0	516.4	811.2	97.2	908.5	
Five	7.5	16.4	23.9	154.8	23.1	177.9	259.9	24.1	284.0	422.3	63.6	485.9	
Six or more	6.7	8.6	15.3	56.7	9.4	66.2	106.8	17.0	123.8	170.3	35.1	205.3	
Total	570.0	106.2	676.2	1,008.1	119.8	1,127.8	1,592.3	84.3	1,676.6	3,170.4	310.2	3,480.6	
OTHER FAMILIES WITH A MALE READ													
Two	11.1	4.3	15.4	25.7	4.4	30.0	23.1	..	23.1	59.8	8.7	68.5	
Three	*	*	)	(	6.4	*	8.1	6.5	*	7.6	14.7	3.5	18.2
Four or more	*	*	)	(	3.7	*	5.1	*	*	3.5	8.0	*	10.0
Total	14.1	5.1	19.2	35.8	7.4	43.2	32.6	*	34.2	82.5	14.1	96.6	
OTHER FAMILIES WITH A FEMALE READ													
Two	92.4	18.5	110.9	94.8	8.7	103.6	33.8	..	33.8	221.0	27.3	248.3	
Three	48.3	11.1	59.4	41.3	5.3	46.6	27.5	)	4.2	( 29.1	117.2	18.0	135.1
Four	17.6	5.1	22.7	11.7	)	( 14.5	9.7	)	( 12.2	39.0	10.5	49.5	
Five or more	8.4	*	11.0	4.8	)	( 5.1	7.1	4.2	*	4.9	17.4	5.5	23.0
Total	166.7	37.3	204.0	152.7	19.1	171.7	75.2	4.9	80.1	394.6	61.3	455.9	
OTHER FAMILIES: TOTAL													
Two	103.4	22.8	126.3	120.5	13.1	133.6	56.9	..	56.9	280.8	36.0	316.8	
Three	50.1	11.8	61.8	47.7	7.0	54.7	34.1	)	5.6	( 36.8	131.9	21.5	153.3
Four	18.4	5.2	23.6	15.1	4.2	19.2	12.1	)	( 15.1	45.6	12.3	57.9	
Five	6.7	*	8.7	3.8	*	5.1	3.6	*	*	3.8	14.1	3.6	17.6
Six or more	*	*	*	*	*	*	*	*	*	*	4.8	*	6.9
Total	180.8	42.4	223.2	188.5	26.5	215.0	107.8	6.5	114.3	477.1	75.4	552.5	
ALL FAMILIES													
Two	598.8	50.6	649.5	368.0	33.2	401.3	458.6	..	458.6	1,425.5	83.8	1,509.3	
Three	92.4	37.5	129.9	289.9	34.5	324.4	371.6	15.8	387.4	753.8	87.9	841.7	
Four	36.5	32.8	69.3	321.9	43.8	365.6	498.5	33.0	531.4	856.8	109.5	966.3	
Five	14.2	18.4	32.6	158.6	24.4	183.0	263.5	24.4	287.9	436.3	67.2	503.5	
Six or more	8.9	9.2	18.2	58.2	10.3	68.5	108.0	17.6	125.6	175.1	37.2	212.2	
Total	750.8	148.6	899.4	1,196.5	146.3	1,342.8	1,700.2	90.7	1,790.9	3,647.5	385.6	4,033.1	

(a) See Explanatory notes for details of exclusions to family tables.

(b) Employment status refers to persons aged 15 and over only.

(c) Of any age.

TABLE 32. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, AND LABOUR FORCE STATUS(b), JULY 1984  
('000 families)

	Number of children aged 0-14 present			
	None	One	Two or more	Total
NO FAMILY MEMBER EMPLOYED				
Married-couple families	568.6	39.6	68.0	676.2
One or both spouses unemployed(c)	33.3	18.0	43.6	94.9
Husband unemployed, wife unemployed	5.9	*	6.0	15.1
Husband unemployed, wife not in the labour force	26.8	13.6	36.8	77.1
Neither spouse unemployed	535.3	21.6	24.3	581.2
Other families	73.6	77.1	72.4	223.2
Family head unemployed	4.3	8.2	6.0	18.5
Male head unemployed	*	*	*	*
Female head unemployed	*	7.4	5.8	15.4
Family head not unemployed	69.4	68.9	66.5	204.7
Male head not in the labour force	11.1	*	*	16.1
Female head not in the labour force	58.3	66.1	64.3	188.6
All families	642.3	116.7	140.4	899.4
ONE OR MORE FAMILY MEMBERS EMPLOYED				
Married-couple families	1,226.4	557.3	1,020.8	2,804.4
One or both spouses unemployed(c)	39.5	19.4	43.8	102.7
Husband employed, wife unemployed	18.0	13.0	35.1	66.1
Husband unemployed, wife employed	11.8	*	5.0	19.5
Husband unemployed, wife unemployed	*	*	*	*
Husband unemployed, wife not in the labour force	8.7	*	*	14.6
Neither spouse unemployed	1,186.8	537.8	977.0	2,701.7
Husband employed, wife employed	655.0	284.4	465.7	1,405.1
Husband employed, wife not in the labour force	417.0	239.3	498.8	1,155.2
Husband not in the labour force, wife employed	42.9	7.4	9.8	60.1
Other families	210.8	70.8	47.8	329.3
Family head unemployed	4.7	*	*	5.9
Male head unemployed	*	*	*	*
Female head unemployed	3.5	*	*	4.3
Family head not unemployed	206.1	69.8	47.5	323.4
Male head employed	41.4	11.4	8.0	60.7
Female head employed	68.3	48.4	32.6	149.3
Male head not in the labour force	14.6	*	*	15.1
Female head not in the labour force	81.8	9.5	6.9	98.2
All families	1,437.1	628.0	1,068.5	3,133.7
TOTAL				
Married-couple families	1,795.0	596.9	1,088.7	3,480.6
One or both spouses unemployed(c)	72.9	37.4	87.4	197.7
Husband employed, wife unemployed	18.0	13.0	35.1	66.1
Husband unemployed, wife employed	11.8	*	5.0	19.5
Husband unemployed, wife unemployed	6.6	3.8	6.2	16.6
Husband unemployed, wife not in the labour force	35.4	16.3	40.1	91.7
Neither spouse unemployed	1,722.1	559.5	1,001.3	3,282.9
Husband employed, wife employed	655.0	284.4	465.7	1,405.1
Husband employed, wife not in the labour force	417.0	239.3	498.8	1,155.2
Husband not in the labour force, wife employed	42.9	7.4	9.8	60.1
Other families	284.4	147.9	120.2	552.5
Family head unemployed	9.0	9.2	6.2	24.4
Male head unemployed	*	*	*	4.7
Female head unemployed	5.6	8.2	5.8	19.7
Family head not unemployed	275.5	138.7	114.0	528.1
Male head employed	41.4	11.4	8.0	60.7
Female head employed	68.3	48.4	32.6	149.3
Male head not in the labour force	25.7	*	*	31.2
Female head not in the labour force	140.1	75.6	71.2	286.9
All families	2,079.4	744.8	1,208.9	4,033.1

(a) See Explanatory notes for exclusions to family tables.

(b) Labour force status refers to persons aged 15 and over only.

(c) Includes a small number of families with husband not in the labour force and wife unemployed.

## TECHNICAL NOTE

For more information on sample design, estimation procedure and reliability of the estimates, for current and earlier surveys, reference should be made to the Technical note in *The Labour Force, Australia, 1978* (6204.0).

### Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

### Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the *relative standard error*.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table 1. Standard errors of other estimates and other monthly movements should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. For the labour force survey, estimates which have a relative standard error larger than 25 per cent are not published. In the tables in this publication, estimates below the levels shown in Table C, and percentages based on such estimates, have not been included but are indicated with a '\*'. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable. See paragraph 9 concerning higher publication cut-off points for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.11. Standard errors of quarterly estimates calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that the estimate of 324,300 unemployed males looking for full-time work in July 1985 has a standard error of about 6,400. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 317,900 to 330,700 and about nineteen chances in twenty that it would have been within the range 311,500 to 337,100.

Published estimate				
311,500	317,900	324,300	330,700	337,100
←			→	

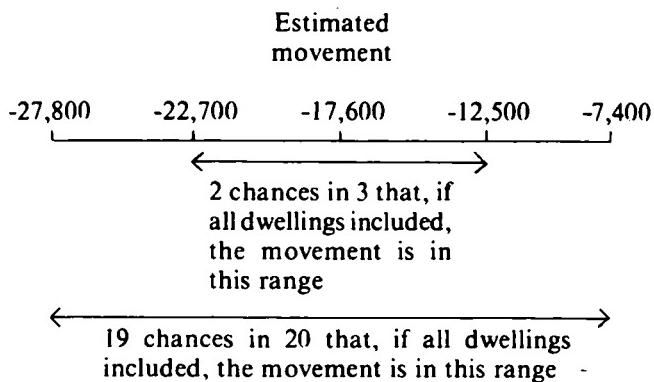
2 chances in 3 that, if all dwellings included, the value is in this range

← →

19 chances in 20 that, if all dwellings included, the value is in this range

- (b) The estimate of movement in the number of unemployed males looking for full-time work from June to July 1985 is a decrease of 17,600. Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case the June 1985 estimate (341,900) is the larger. From Table B it will be seen that the standard error of the monthly movement is about 5,100. Therefore there are about two chances in three that if all dwellings had been included in the

surveys the movement would have been within the range -22,700 to -12,500 and about nineteen chances in twenty that it would have been within the range -27,800 to -7,400



9. The relative standard errors of estimates of *aggregate hours worked, average hours worked, average duration of unemployment, and median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

- Aggregate hours worked: 1.2
- Average hours worked: 0.7
- Average duration of unemployment: 1.3
- Median duration of unemployment: 2.0

Publication cut-off points for these and other labour force estimates (see paragraph 6) are shown in Table C on the next page. Because of these higher relative standard errors, estimates of aggregate hours worked, average duration of unemployment, and median duration of unemployment have higher cut-off points for publication (see paragraph 6) than other estimates as shown in Table A.

10. An example of the calculation of standard errors by the use of these factors is as follows:

In July 1985 the estimate of median duration of unemployment for unemployed males was 28.1 weeks (from Table 23) and the number unemployed was estimated as 343,800. From Table A it can be estimated that this figure (343,800) has a standard error of about 6,500 and therefore a relative standard error of about 1.9 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (1.9) by the appropriate factor shown in the previous paragraph (in this case 2.0):  $1.9 \times 2.0 = 3.8$

per cent. The *standard error* of this estimate of median duration of unemployment is therefore 3.8 per cent of 28.1, i.e. 1.1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 27.0 to 29.2 weeks and about nineteen chances in twenty that it would have been within the range 25.9 to 30.3 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$\text{RSE}(x/y) = \sqrt{[\text{RSE}(x)]^2 + [\text{RSE}(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Recent analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors for estimates classified by country of birth are approximately 10 per cent higher for Australia. For aggregate estimates of persons born outside Australia the standard errors are approximately the same. The adjustment factor varies for individual countries of birth.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding of data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
	— number —								per cent of estimate
1,000						250			
1,300						280		310	
1,500						300		330	
1,800			430			330	410	350	
2,000			460	480		340	430	370	
2,500			500	530		380	470	400	
3,000			690	550	580	410	500	430	
3,500			750	590	620	440	530	450	820
4,000	950	960	800	620	660	460	560	470	880
4,500	1,000	1,000	840	650	690	480	590	500	930
5,000	1,050	1,050	880	690	720	500	610	510	980
6,000	1,150	1,150	960	740	780	540	650	550	1,100
10,000	1,450	1,450	1,200	920	970	660	790	650	1,400
20,000	2,000	1,950	1,650	1,200	1,300	860	1,050	810	1,950
50,000	2,900	2,850	2,350	1,700	1,800	1,150	1,450	1,050	2,950
100,000	3,850	3,700	3,050	2,200	2,300	1,450		1,250	3,950
200,000	5,100	4,750	3,950	2,750	2,950	1,750			5,300
300,000	5,900	5,500	4,500	3,100	3,350				6,200
500,000	7,200	6,500	5,300	3,650	3,900				7,500
1,000,000	9,200	8,100	6,600						9,700
2,000,000	11,600	9,900							12,300
5,000,000									16,500

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
1,000						230			
1,300						250		270	
1,500						270		290	
1,800				390		280	360	310	
2,000				410	420	300	370	320	
2,500				440	450	320	410	340	
3,000			680	470	490	340	440	370	
3,500			720	500	520	360	470	390	920
4,000	870	920	760	530	540	370	490	400	960
4,500	910	960	790	550	570	390	520	420	1,000
5,000	950	990	820	570	590	400	540	440	1,050
6,000	1,000	1,050	880	610	630	430	580	470	1,100
10,000	1,250	1,250	1,050	740	760	510	710	560	1,350
20,000	1,600	1,600	1,350	960	980	650	930	710	1,750
50,000	2,300	2,250	1,900	1,350	1,400	890	1,350	980	2,500
100,000	3,050	2,850	2,450	1,750	1,800	1,150		1,300	3,200
200,000	3,950	3,650	3,150	2,250	2,300	1,450			4,150
300,000	4,650	4,200	3,650	2,650	2,650				4,850
500,000	5,700	5,100	4,400	3,200	3,200				5,900
1,000,000	7,400	6,500	5,600						7,600
2,000,000	9,700	8,300							9,800
5,000,000									13,900

TABLE C. PUBLICATION CUT-OFF POINTS FOR LABOUR FORCE ESTIMATES(a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
<i>Estimates classified by—</i>									
Aggregate hours worked	5,600	5,600	4,200	2,500	2,800	1,400	2,400	1,800	5,100
Average hours worked	2,000	2,000	1,500	900	1,000	500	1,000	700	1,600
Average (mean) duration of unemployment	6,500	6,500	4,900	2,900	3,200	1,600	2,800	2,000	6,000
Median duration of unemployment	14,400	14,100	10,800	6,300	6,900	3,500	5,600	4,000	13,900
All other estimates	4,000	4,000	3,000	1,800	2,000	1,000	1,800	1,300	3,500

(a) See paragraph 9, page 34.

### SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March-May 1982	6341.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November 1982	6243.0
Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived After 1960, Australia, March 1984	6250.0
Child Care—May 1969, 1973, 1977; June 1980	4402.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits, February-May 1979, August 1983, August 1984	6334.0
Employment Status of Teenagers, August 1978(a)	6234.0
Evening and Night Work, November 1976	6329.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income and Housing Survey, 1981-82—	
Income of Individuals	6502.0
Income Distribution, Australia: Income Units	6523.0
Job Search Experience of Unemployed Persons (Excluding Persons Who Were Stood Down) Australia, July 1984(b)	6222.0
Job Tenure, Latest issue August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience, Annually, Latest issue February 1985	6206.0
Labour Force Status and Educational Attainment, Australia, Annually, Latest issue February 1985	6235.0
Labour Force Status and Other Characteristics of Families, Annually, Latest issue July 1983	6224.0
Labour Mobility, Annually, Latest issue February 1985	6209.0
Methods of Obtaining Jobs, July 1982	6245.0
Migrants in the Labour Force, 1972 to 1976(a)	6230.0
Multiple Jobholding, Two-yearly, Latest issue August 1983	6216.0
Persons Retired from Full-time Work, Australia, September 1983	6238.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force, Australia, Twice-yearly, Latest issue September 1984	6220.0
Preliminary, March 1985	6219.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Superannuation, Australia, February 1974; September to November 1982	6319.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976, March-May 1982	6325.0
Transition From Education to Work, Annually, Latest issue May 1984	6227.0
Preliminary, May 1985	6241.0
Weekly Earnings of Employees (Distribution), Annually, Latest issue August 1984	6310.0
Work Patterns of Employees, November 1976	6328.0
Working Conditions, February-May 1979	6335.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Supplementary Tables	6339.0

(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication. (b) Previously: Characteristics of Persons Looking for Work, Australia.